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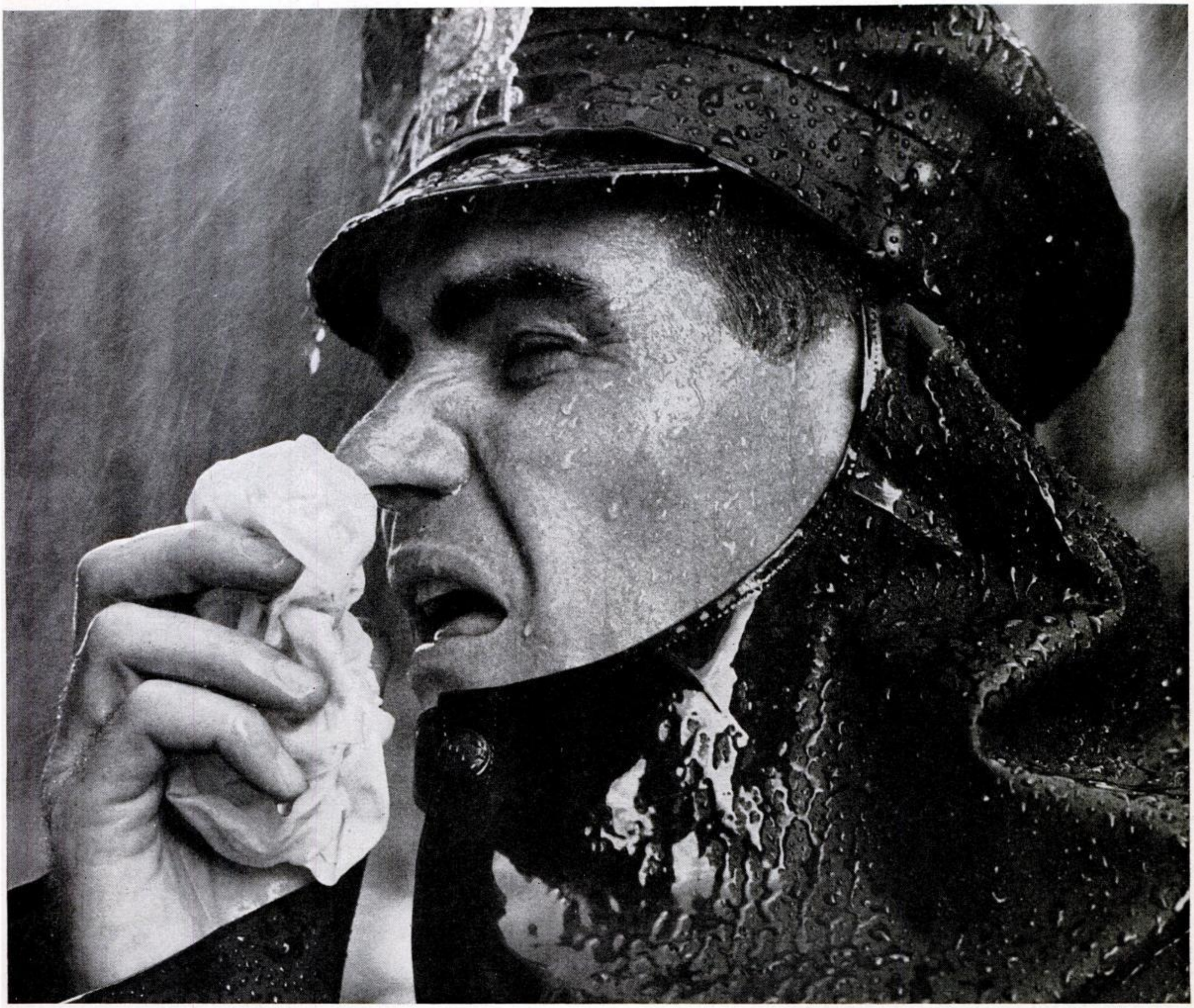
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Vol. 43 No. 18

LIFE

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BELA SCHICK

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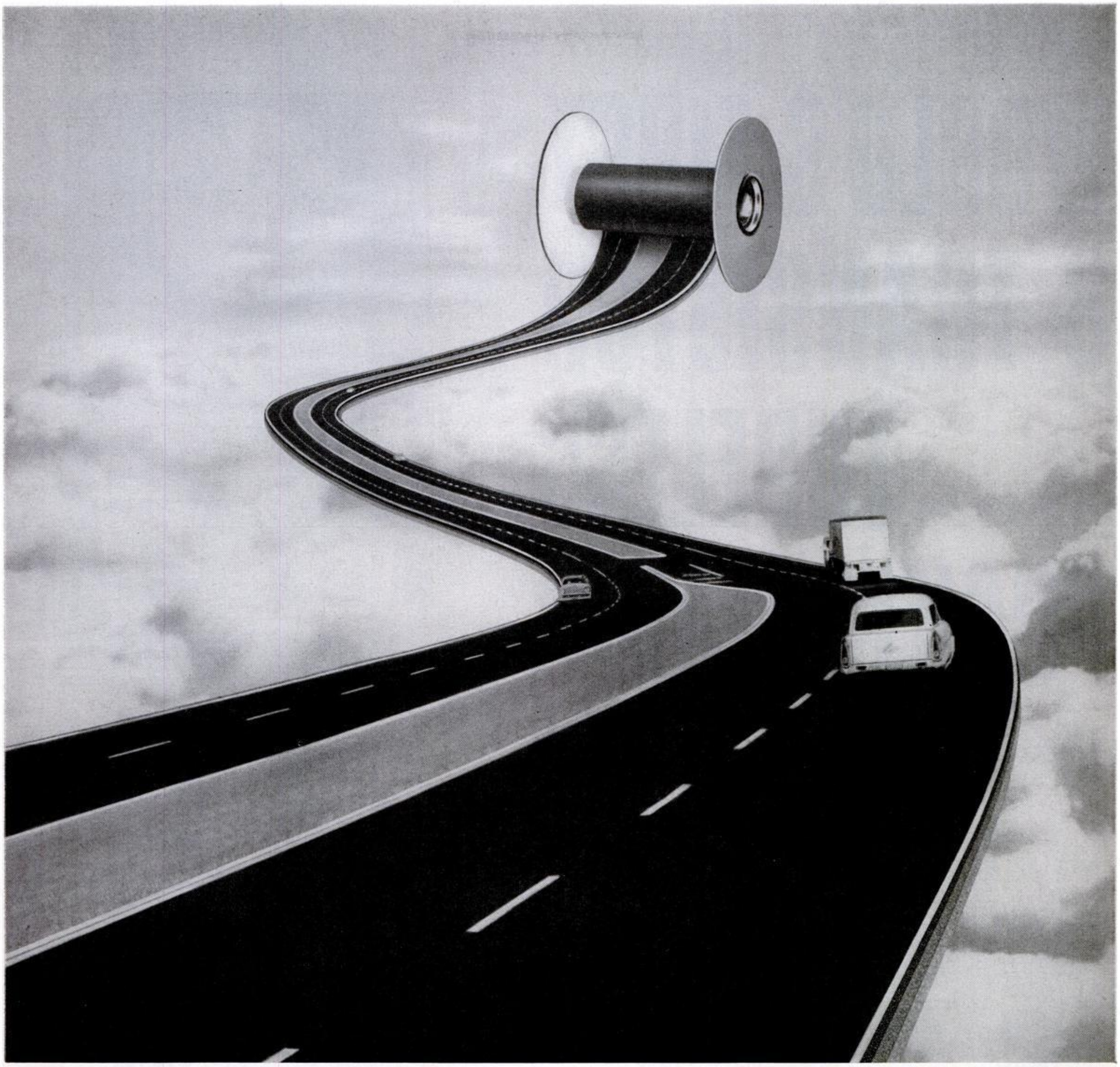
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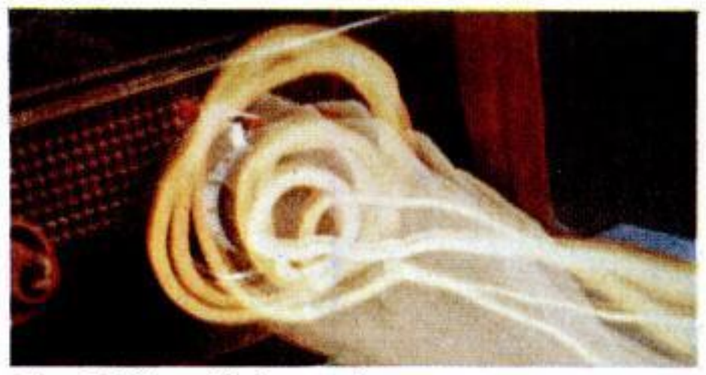
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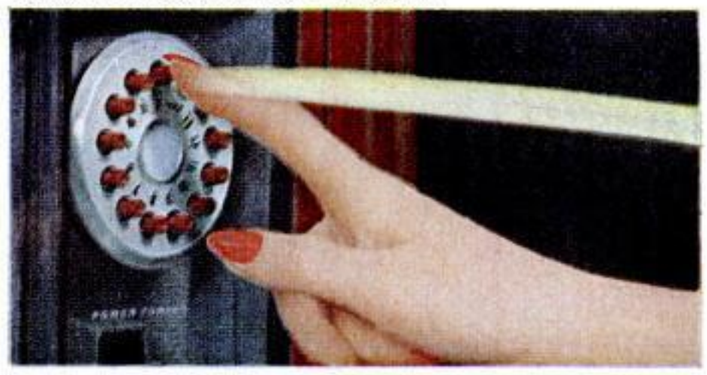
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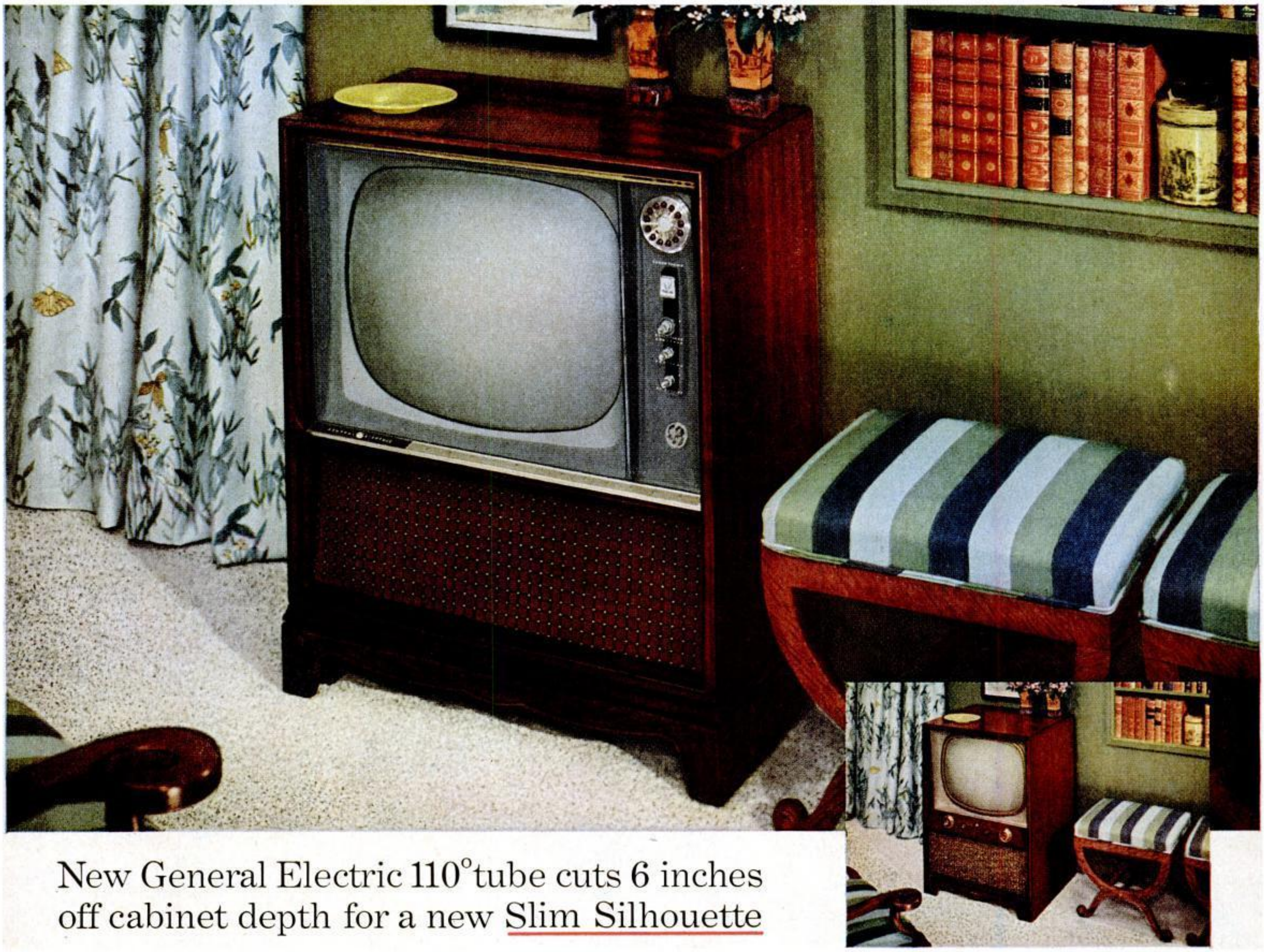
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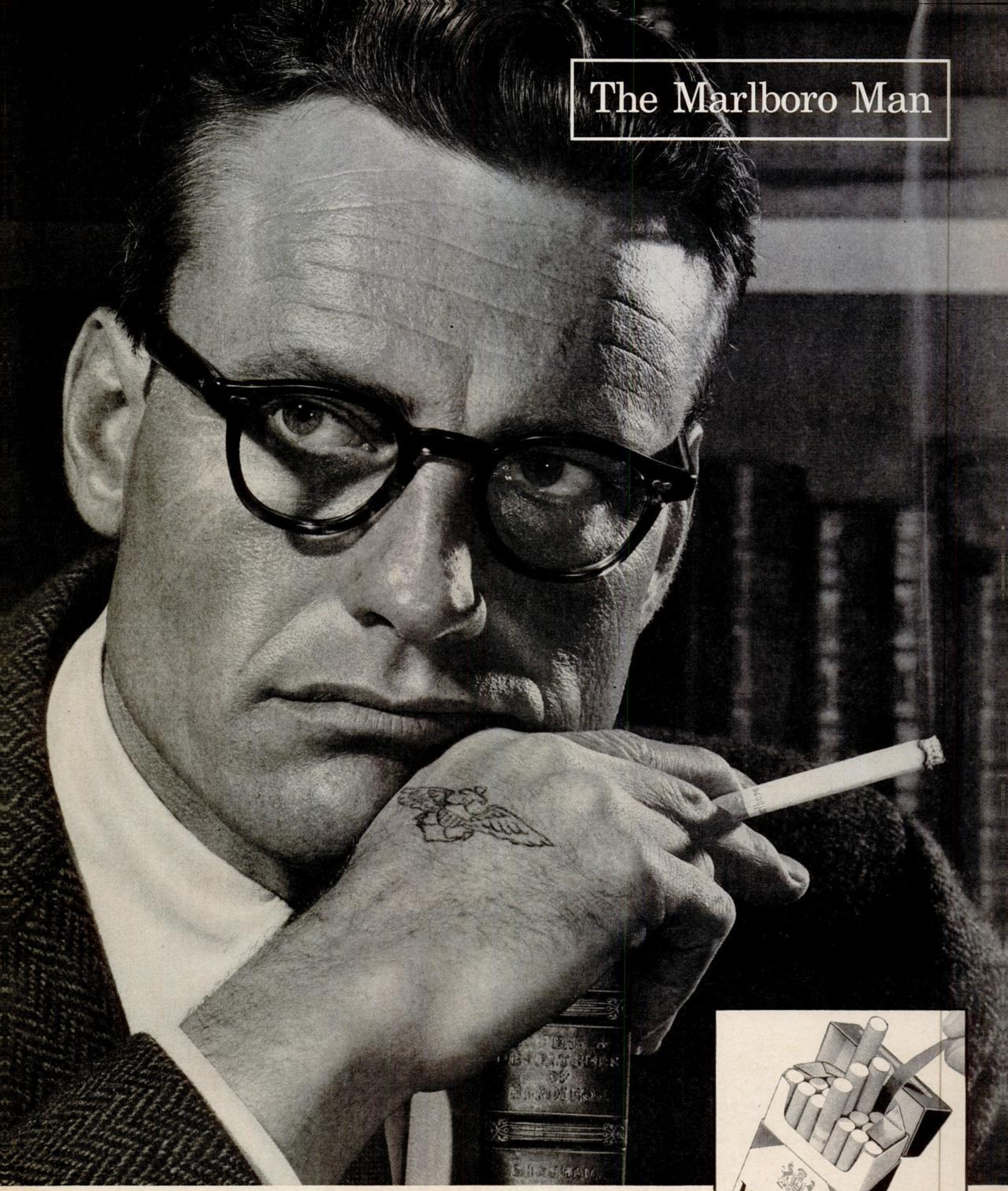
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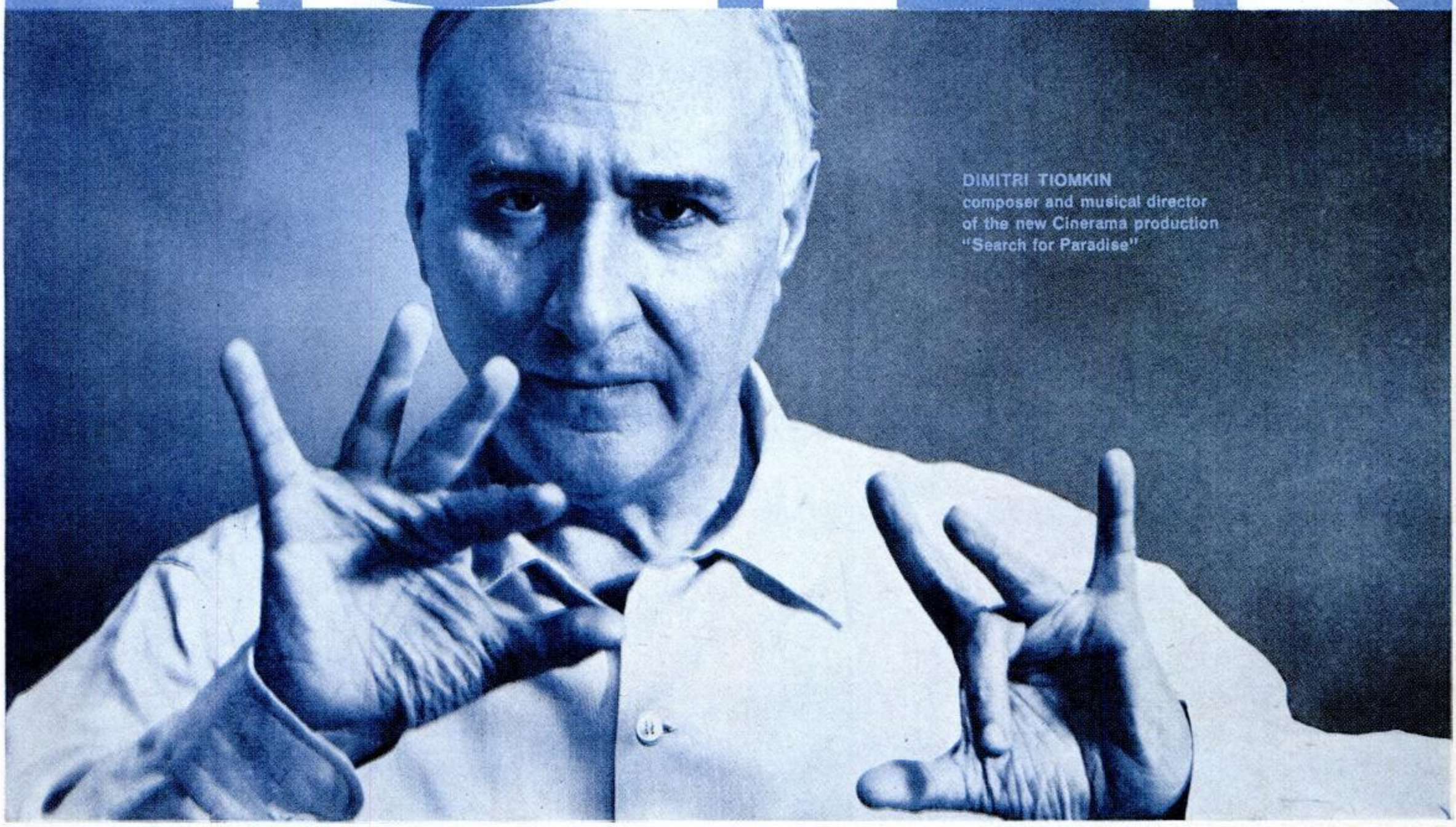
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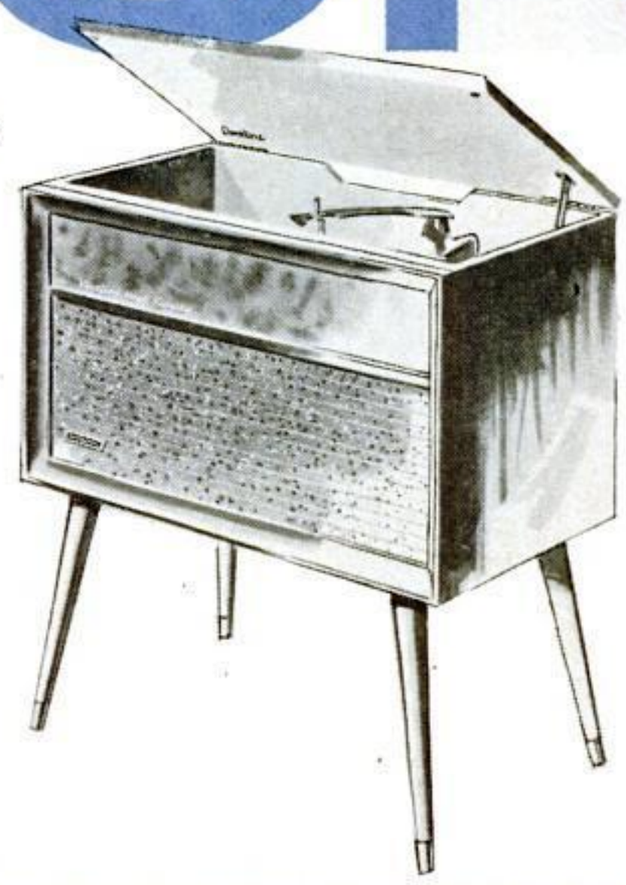
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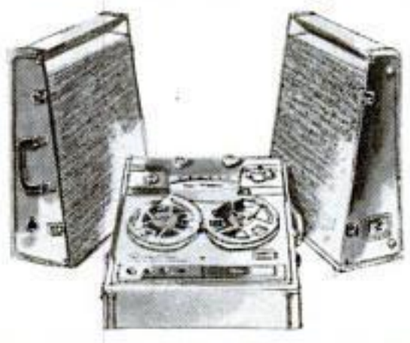
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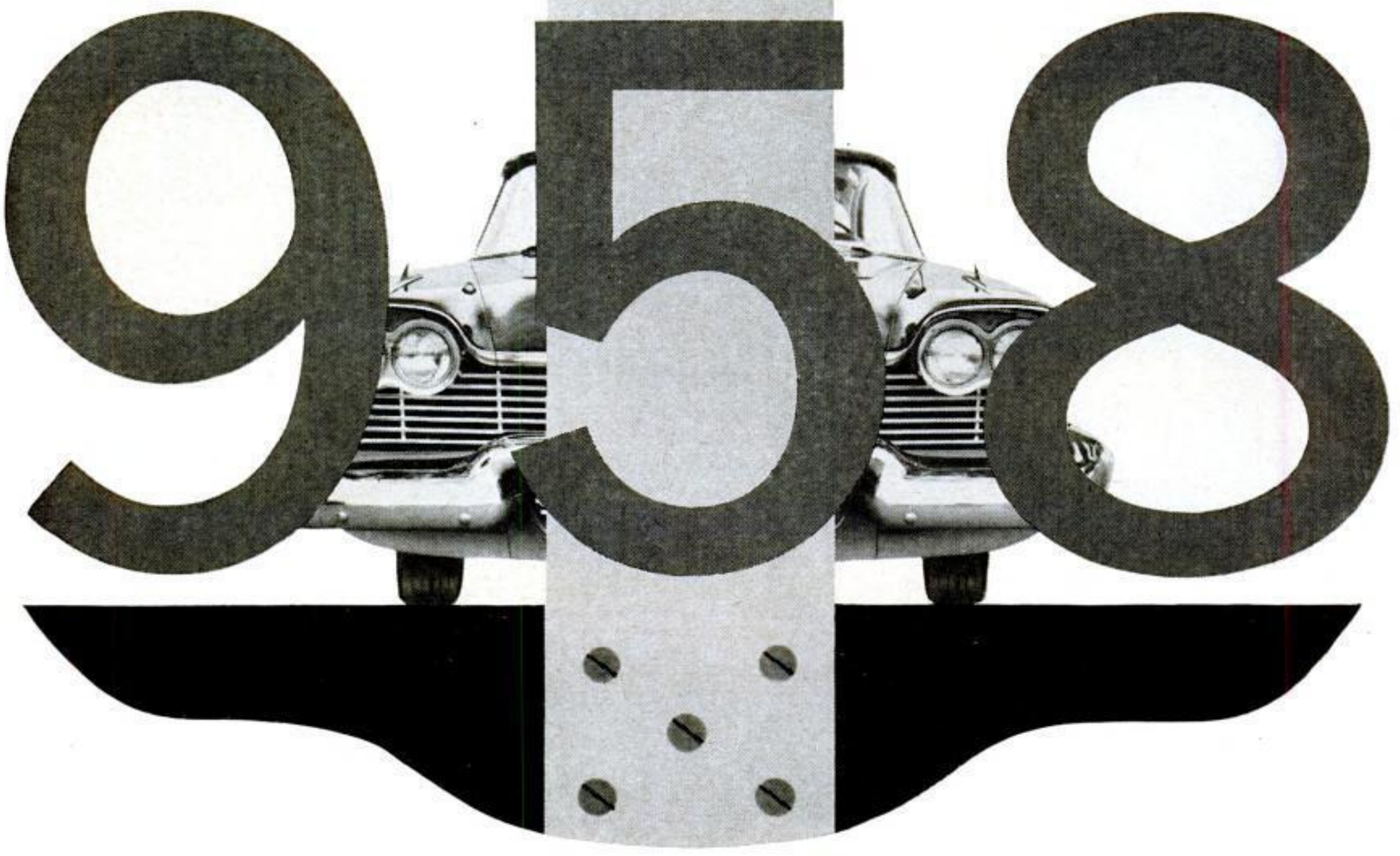
Holiday Imperial Portable. High fidelity with "Magic Mind." Three speakers—powerful amplifier—automatic shut-off. Four speeds. Input receptacle for AM-FM radio or tape recorder. Perfect companion for Webcor Stereo Tape Recorders. Ebony or tan $129.95*.

All products UL approved **Prices slightly higher West and Southwest*

ALL MUSIC SOUNDS BETTER ON A WEBCOR

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How the TOTAL DESIGN of THE *FORWARD* LOOK becomes your guide to a sound buy for 1958!



You'll be quick to see how soundness in over-all design means soundness in your buying the moment you meet any of the five *Forward* Look cars for '58.

They will prove once again that only when cars are conceived *as a whole*—from suspension to silhouette—can design be so clean, so uncluttered, so *advanced*. And this means honest, lasting value for you.

For The *Forward* Look cars for '58 have the *functional*, finned beauty that endures. The flowing unity of The *Forward* Look—the complete integration of form and function—stems from its *total* design.

Only tested Torsion-Aire Suspension gives you a ride so controlled, so level . . . permits design of a car so spacious yet so low . . . and at no extra cost! Pushbutton Torque-Flite Transmission—with proven *mechanical* controls placed *on the left* for safety—joins the big new Advance Design engines to give you an unmatched combination of smoothness, economy and performance.

So when all is said and done, compare! For here is a *total* design for clean looks, controlled ride and top value—you'll get only in Plymouth, Dodge, De Soto, Chrysler and Imperial for 1958.

COMING YOUR WAY NOVEMBER 1—SEE THEM AT YOUR NEARBY DEALER'S

FOR '58, MORE THAN EVER, THE *FORWARD* LOOK IS THE ADVANCE DESIGN

CHRYSLER CORPORATION

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For a whole new world of shaving luxury, Norelco has the shape!



Why pinch off whiskers when you can stroke them off with Norelco's rotary blades?

No wonder this is the fastest-growing shaver in America . . . the largest-selling electric shaver in the world!

THANKS to the distinctive design, a man can now enjoy shaving with a velvet touch! Norelco's patented skin-stretcher up-ends whiskers. The stationary skin guards trap each whisker. Then Norelco's high-speed rotary blades deftly remove whiskers . . . gently but effectively.

Goodbye to whisker-clipping—goodbye to irritating stop-start, back-and-forth action. Norelco strokes off stubble with a continuous sweep of power—smoothly as a barber's razor.

In addition to being the world's most advanced electric shaver, Norelco is the pleasantest shaver to live with: shaped to fit the hand, self-sharpening blades, real brush motor that never heats up. Quietest of all 4 leading shavers, never needs oiling, easy to clean. And as for speed, the new Norelco Speedshaver is the fastest ever! A great gift in its leather traveling case. AC/DC, $24.95.

Also: New *Norelco Sportsman*, runs on flashlight batteries or plugs into car lighter, $24.95. For feminine "powder-puff" grooming: the new *Norelco Debutante*, $17.50, or the new deluxe double-header *Lady Norelco*, $24.95. Both AC/DC.

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slide after slide after slide !



Slides never pop out of focus! Unlike other projectors, your Balomatic shows slide after slide in sharp detail. No annoying pop... no constant re-focusing. It's an exclusive Balomatic feature that gives you full, carefree viewing pleasure.



Fully automatic operation! Set any time cycle from 4 to 60 seconds on Balomatic 500... *it runs itself.* Holds pictures on screen for as long as you want! Sit wherever you wish and be a guest at your own show.



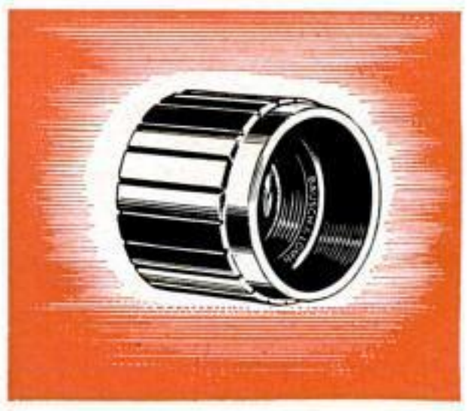
Finger-tip automatic or remote control! Slides can also be changed automatically with finger-tip touch... no protruding arms or noisy mechanical levers to bother you. Remote control runs your Balomatic from across the room.



Illuminated centralized control panel! A unique back-lighted panel conveniently **groups all controls. You can run your slide shows without turning on lights or fumbling in darkness.**



Built-in carrying handle! You can carry your projector around without worrying about dropping it out of its case. The handle is part of the Balomatic Projector base, not the cover.



Famous Bausch & Lomb lens quality! Makers of the world's finest optics, Bausch & Lomb gives you an Anastigmat f/3.5 lens with Balcoted surfaces to assure you sparkling, true-to-life color.



Always safe and quiet! Every Balomatic Projector gives 100% protection to your valuable slide collection... and during long showings, it runs for hours with a **whisper that won't wake a kitten.**



Lifetime Guarantee! Your Balomatic is **backed by a century-old reputation for precision instruments. Bausch & Lomb gives a lifetime guarantee, assuring you complete satisfaction always.**



Time Payment! Start enjoying the new Balomatic *now.* Ask your dealer about the easy Bausch & Lomb Time Payment Plan. You can have one of the Balomatics for as low as $5.82 a month.

THERE's a big, beautiful new world waiting for you and your camera.

Bausch & Lomb... makers of CinemaScope lenses... offers it to you with the new highly-advanced Balomatic Slide Projectors. Here is all the magic of truly professional optics for your home. Big, brilliant pictures... vibrant, beautiful color. Here is *quality* that more than matches the great advances in cameras and films.

Most important of all... and unlike other projectors ... you get absolute freedom from the common annoyance of having to re-focus every slide. There is no "popping". You can watch the picture, not the projector.

The Balomatic 500 is 100% automatic. Load it with up to 40 slides... 35mm, Bantam or Super Slides... cardboard, glass, plastic or metal mounts... intermixed if you wish. Set the simple, centralized control. Sit back and be thrilled. No pop, no hands... you almost think your Balomatic *understands!*

With your Balomatic you'll take more pictures, show them more often, get more fun and pride out of them. You'll be eager to build a slide "library" that you and your family will treasure.

And when you tell your friends... "It's a *Bausch & Lomb Balomatic"*... they'll know that you know quality, and that you own the very finest.

See the new Bausch & Lomb Balomatics now at your photographic dealer's! See all the advanced features (only a few are shown at left)... compare them with those of any other projector. You'll want nothing but a Balomatic. It's ideal for *the* family Christmas gift.

BALOMATIC 500

500-watt. Fully automatic cycling and finger-tip automatic; optional remote control. Lens f/3.5, 5" focus. Includes 40-slide tray and case. Terms as low as $8.10 a month.

$149.50



BALOMATIC 300

The most advanced finger-tip automatic projector ever with many of the exclusive Balomatic 500 features, including "no popping" feature. 300-watt. Finger-tip automatic control, remote control (optional). Lens f/3.5, 4" focus. Includes 40-slide tray and case. Terms as low as $5.82 a month.

$84.50

BAUSCH & LOMB

Balomatic

AUTOMATIC SLIDE PROJECTORS

BAUSCH & LOMB OPTICAL CO., ROCHESTER, NEW YORK

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HARMLESS HORRORS

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The sight of a ferocious bear towering overhead is a hunter's nightmare, but when eight bears recently reared over the two men shown above they considered it a sign of good times. They are taxidermists at Jonas Brothers company in Seattle, the largest bear stuffers in the world, which is being flooded with bearskins to mount in a busy hunting season. With glass eyes, rubber tongues and plastic fangs they are fitting snarls onto the largest group of upstanding record-class Alaska brown bears and polar bears ever assembled to make this awesome bear pit of harmless ferocity.

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For each "Reddy" you want, simply mail in labels from 6 cans of Red Heart Dog Food and your check or money order for $4.95. Mail to: John Morrell & Co., Dept. L, 208 S. LaSalle St., Chicago 4, Ill.

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LETTERS TO THE EDITORS

MAN'S NEW WORLD: HOW HE LIVES IN IT

Sirs:

Congratulations on your new and unique series on "Man's New World: How He Lives In It" (LIFE, Oct. 7). As a student of chemistry, I appreciate the description of a technologist's private life as well as his work. To me this information is far more valuable than a complete semester of technological data. I hope that laymen will read these articles and maybe change their minds about the people who are called scientists.

LARRY H. HUNDLEY

Bloomington, Ind.

Sirs:

The fears of the artist in competition with the camera are now realized, for your beautiful photographs of "Man's New World" excel most abstract paintings produced.

ANN COCHRAN

Sherman Oaks, Calif.

Sirs:

Over the caption "New Way to Move a Mountain" you showed a unique high-speed belt-conveyor system. You omitted mentioning that Hewitt-Robins Inc. designed and manufactured both belt and mechanical equipment.

The Salt Lake Conveyor handled during 30 days a total of over 2.5 million tons—nearly 100,000 tons daily of "mountain," conveyed it a distance of two miles, and deposited it in barges for further placement on the lake bottom. We believe this constitutes a world's record for earth moving.

EDWARD LEBO

Stamford, Conn.

A HISTORIC WEEK OF CIVIL STRIFE

Sirs:

The truth about the deplorable condition at Little Rock, Ark. breaks through the biased and confused reporting by others like a breath of fresh air ("A Historic Week of Civil Strife," LIFE, Oct. 7). The continuity of the facts is impressive; you have allowed them to speak for themselves, without drawing conclusions. If there is anything that we need in this troubled time, it is level-headed, unheated disclosure of the truth.

I am a Lumbee Indian of southeastern North Carolina. The problem of integration does not yet concern me directly, yet I feel that this very fact may help me in a dispassionate appraisal of the whole thing. As I see it, there is no alternative for obedience to the laws of the land, even, as the President pointed out, when we do not agree with those laws.

LEW BARTON

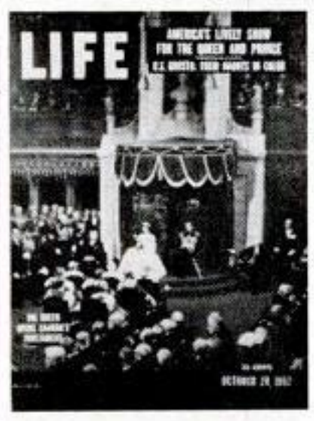
Red Springs, N.C.

Sirs:

Why not just close all the public schools in Arkansas? Apparently the people of that state have never learned anything in them anyway.

F. K. MCVICKER JR.

San Francisco, Calif.



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L-3443

Sirs:

Probably no President ever lost so many admirers so quickly.

V. M. SCOTT

Talladega, Ala.

Sirs:

The inhuman attack on Editor Alex Wilson by an angry white mob is shocking.

STANLEY STANWYCK

San Luis Obispo, Calif.



RESTRAINER IN MOB

Sirs:

I am the newspaper editor who was assaulted by a mob in Little Rock.

The purpose of this letter is to point up a fact revealed by the pictures. During the attack on me I heard somebody yell twice, "Don't kill that man!" I am certain that his plea helped to restrain the man with a jagged-edge half brick from smashing me in the head.

Since at all times I was struck from the back, I was never able to get a completely full view of the assailants or the man who interceded for me.

Your pictures on pages 38, 39 revealed the man, I am quite positive, who came to my rescue. He is the man in the picture at extreme right, the lantern-jawed man wearing a snap-brim hat and jacket, holding onto the arm of a bareheaded white, who has a half brick in his right hand.

The role of the man wearing the snap-brim hat and jacket is further evidence that in the worst of mobs there's usually one or more who has mercy in his heart.

L. ALEX WILSON

Memphis, Tenn.

Sirs:

It's too bad about LIFE's reporters. If only they knew what it was like to live with so many Negroes. In November 1953 my husband, our four children and I moved 2,500 miles away from our beloved South Carolina so our children wouldn't have to go to school with Negroes!

MRS. J. H. WILKES

Salt Lake City, Utah

CRIME IN THE U.S.

Sirs:

Just had to write and express my congratulations for your wonderful series "Crime in the U.S." (Part V, "What Makes a Criminal," LIFE, Oct. 7). Not only are the articles great, but those paintings and illustrations are truly magnificent.

MRS. ROBERT S. LEAVITT

Los Angeles, Calif.

Sirs:

I must disagree with the rash statement on page 158 that the school *never* gives reassurance and sympathy to the backward student.

In our school I work with the slow-learning pupil, of which there are many, and before trying to cram the child with the 3 Rs, I put forth an earnest effort to understand the individual child and to put him at ease, as do thousands of other teachers everywhere who are dedicated to their profession. The word "seldom" rather than "never" would approximate the truth of what actually happens in the schools.

MILDRED A. PAYNE
Cleveland School

Philadelphia, Pa.

Sirs:

I agree with psychologists that "a criminal is driven by unconscious forces totally beyond his control," but I disagree with their thesis that therefore he cannot be deterred by the threat of punishment. Dogs and mice can be made to avoid doing something if this action invariably is paid for with pain or something they equate with pain. Thereafter they will avoid such action. No matter how complex man may seem to psychologists, he is still an animal and can be controlled like one.

ALFRED J. CROWLE

Denver, Colo.

EDITORIAL

Sirs:

The American people are indebted to you beyond measure for your exalted editorial on "The Eagle and the Rock" (LIFE, Oct. 7).

LEO GALLAGHER

Los Angeles, Calif.

Sirs:

We in the South cannot call this the Law of the Land. This is the Law of Tyrants—nine men who have tried to change, overnight, our way of life.

E. L. MCLAUGHLIN

Jacksonville, Fla.

MISCELLANY

Sirs:

It seems that everyone in Texas has his marbles!

Like "Uncle Billy" Gray in "Man with All His Marbles" (LIFE, Oct. 7), my mother, Mrs. Corinne R. Robinson of El Dorado, Texas, collects marbles. After 30 years as a fourth-grade teacher, her pupils have given her 81,536 marbles—some 14,000 more than Billy owns.

MRS. C. A. TRACY

McAllen, Texas



TEACHER ROBINSON AND HER 81,536 MARBLES

PRINCETON FUROR OVER A CHAPLAIN

Sirs:

If Father Halton ("Princeton Furor over a Chaplain," LIFE, Oct. 7) were advocating atheism, Communism and loose morals, he would be declared *persona cum laude* at Princeton instead of *persona non grata*.

HARRY LOBEL

Omaha, Neb.

Sirs:

Princeton's President Goheen's rebuke to Father Halton for his verbal attacks upon his campus colleagues will be upheld by many Catholics.

We Catholics expect our priests to propound the premises of Catholic philosophy in a manner as unassailable as we believe those premises to be.

LOUISE M. NICHOLS

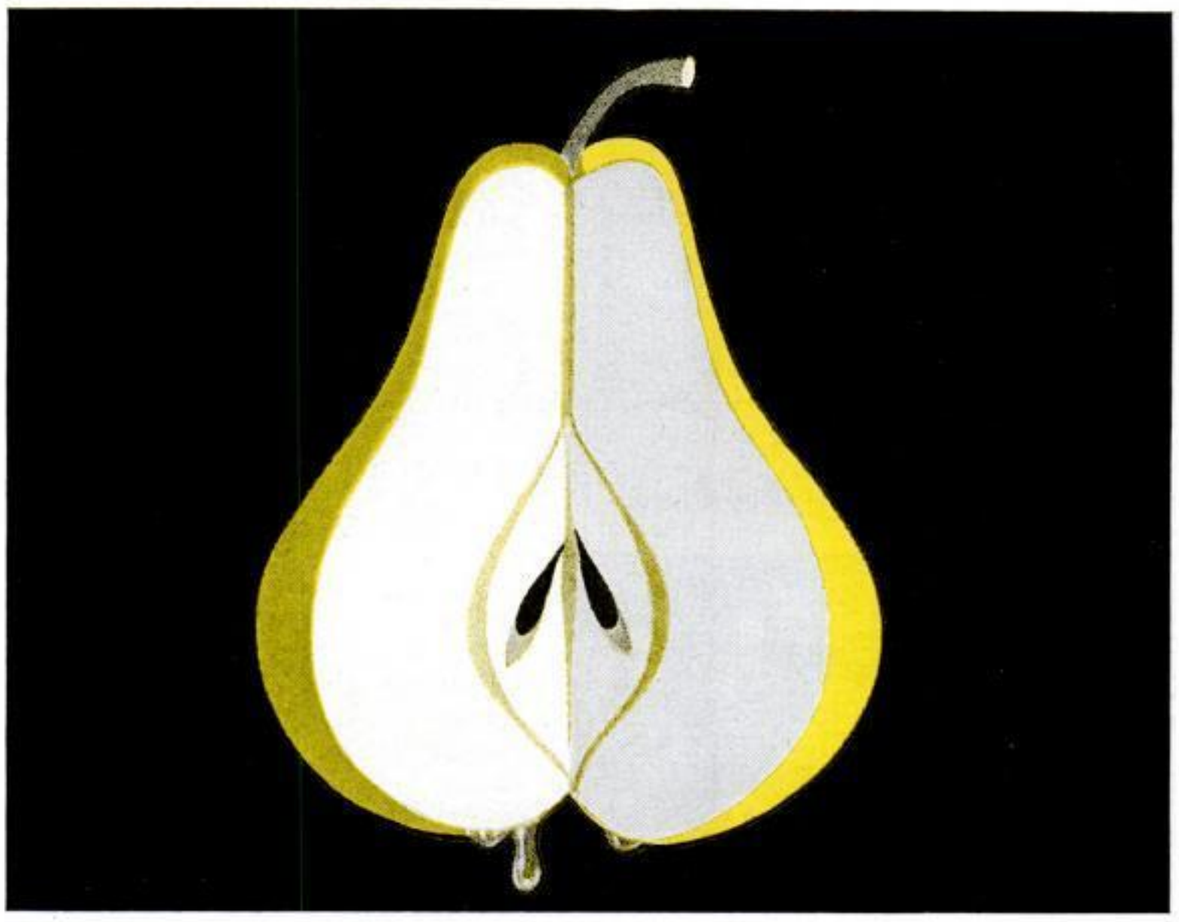
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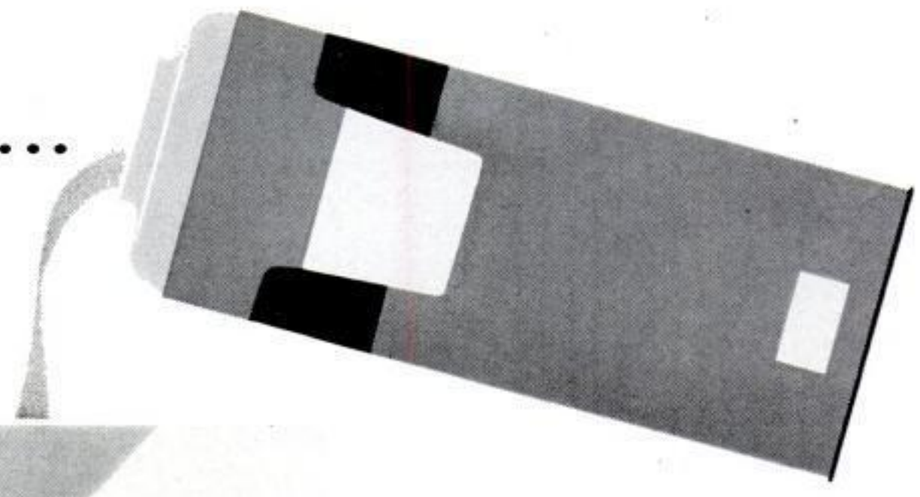
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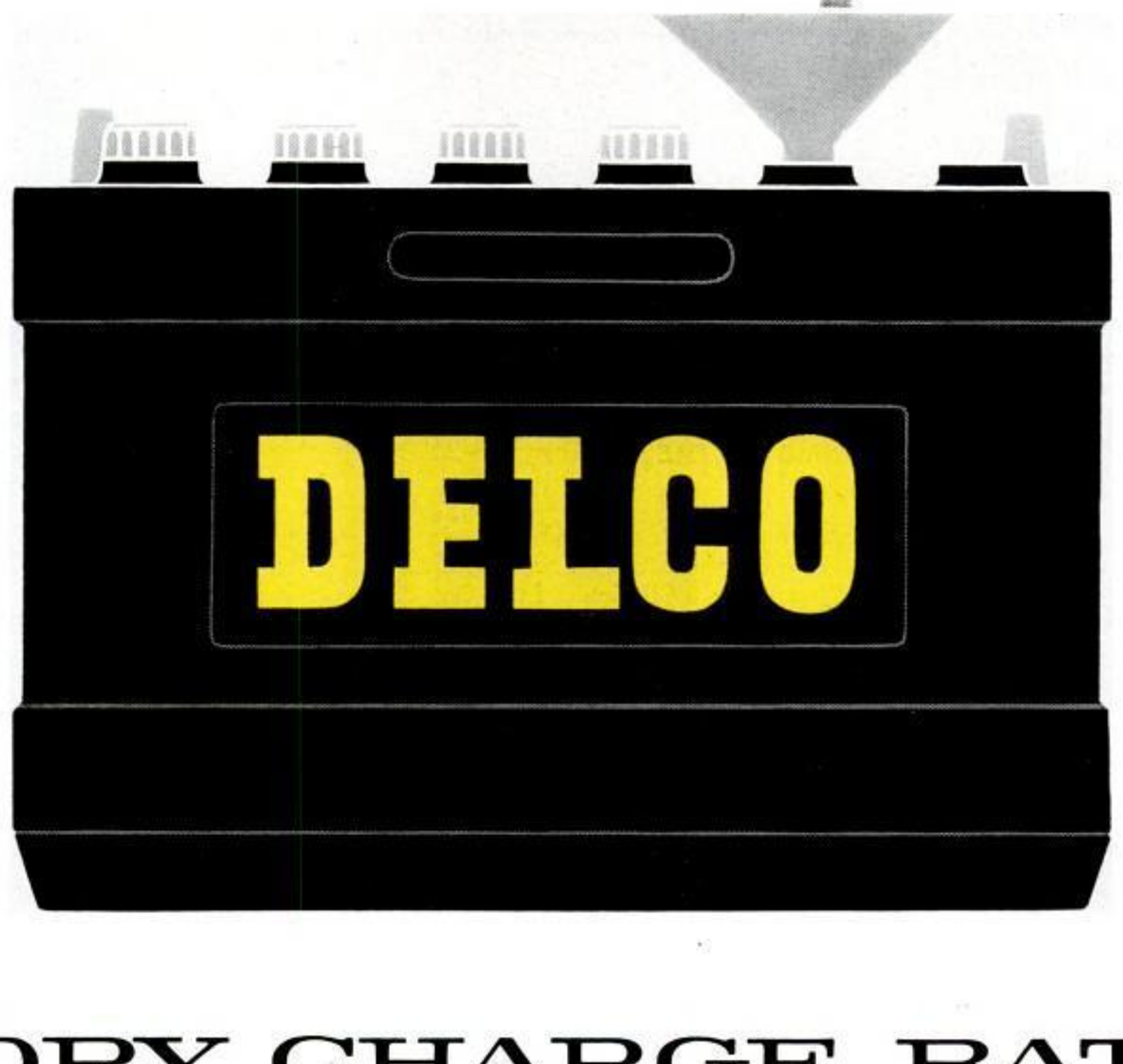
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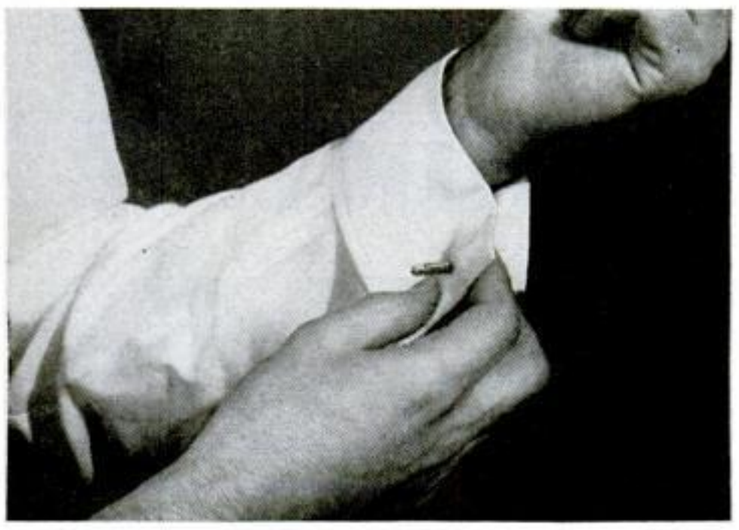


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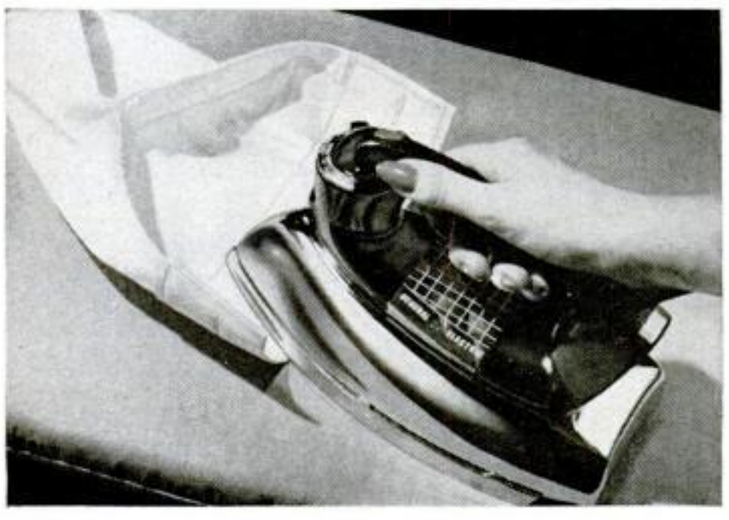
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Gives the appearance of a French cuff, the convenience of a regular cuff—two buttonholes instead of four!



SO SIMPLE TO WASH AND IRON

Now we have simplified the classic French cuff. We folded over a double layer of fabric, stitched it in place the fine Arrow way.

The result? Cuffs with the luxury touch of French cuffs yet with a trim, natural, neat-as-an-Arrow Collar look. And they're so easy to slip links into—so easy to close—with their two buttonholes instead of four.

You'll find *Link Cuff** shirts in many collar styles, now at your Arrow retailer's. (Among them, the medium-pointed *Lane* and the short-pointed *Glen.* $4.00 up.) *Cluett, Peabody & Co., Inc.*

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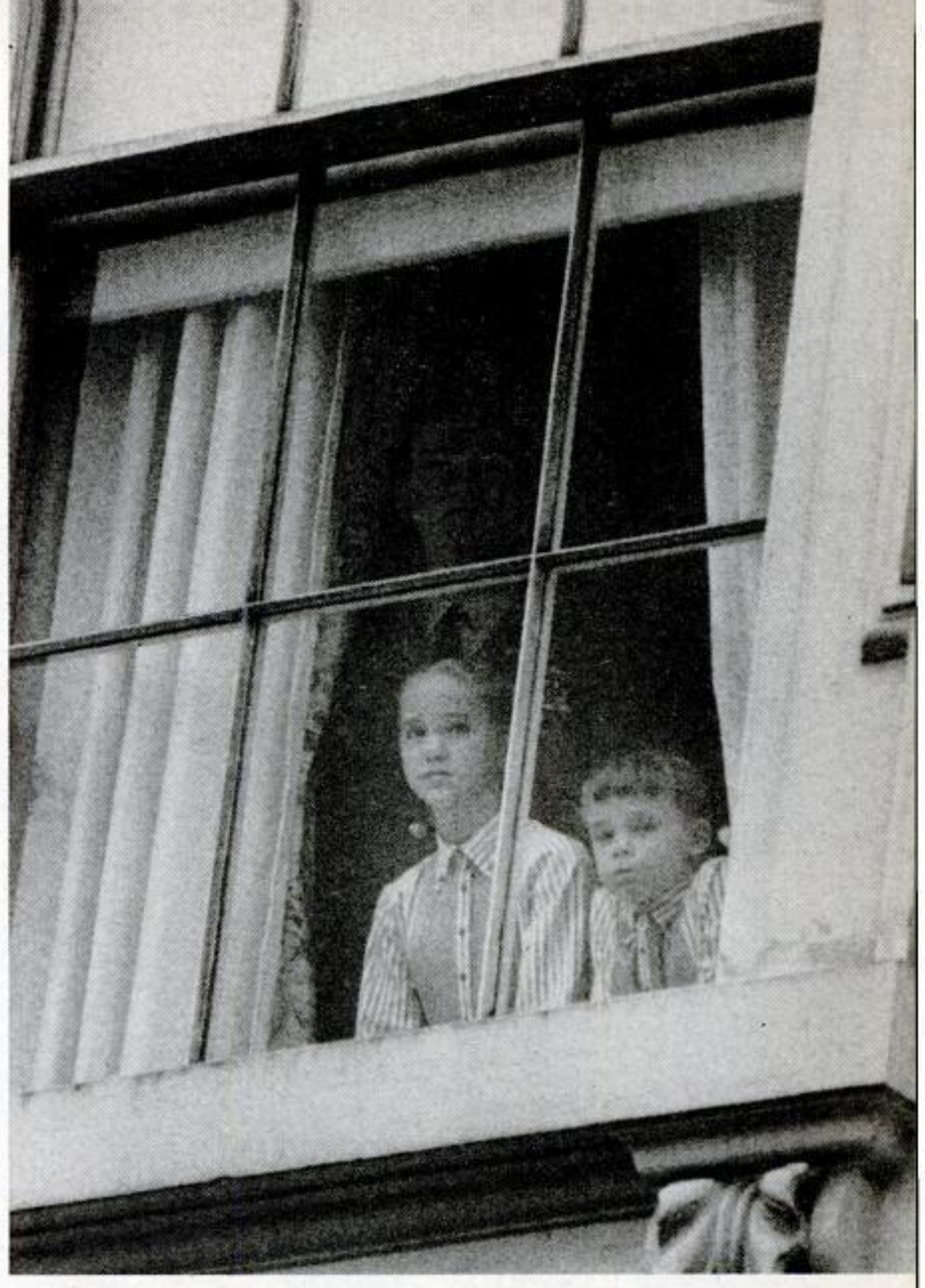
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Vol. 43, No. 18 **LIFE** Oct. 28, 1957

PAIR OF GOOD FRIENDS ON U.S. FRONT PORCH

To the hospitable doors of the White House last week, under the curious gaze of children visiting grandpa, came a friend of the family and of the nation. With Prince Philip, Elizabeth of England, who had spent four days in Canada, was paying her first visit to the U.S. as Queen and was renewing an old friendship, formed in England, with Dwight Eisenhower.

It was a visit taking place against a grave international background. The Syrian crisis (*pp. 32, 33*), the Soviet threats against Turkey, the strong U.S. support of its ally were of such gravity that Elizabeth's Prime Minister Harold Macmillan was coming to Washington this week for urgent policy talks. The crisis did nothing to lessen the warmth of the Queen's welcome, but awareness of British-American common concerns was implied in the President's formal greeting: "In . . . closer, stronger cooperation between your country and ours lies the best hope for world peace and security." More personal was Mrs. Eisenhower's front porch welcome: "We have been wanting you to come for so long. . . . My, you look pretty!"



UPSTAIRS CURIOSITY grips the President's grandchildren, Barbara, 8, Susan, 5, watching arrival.

ACCOMPANIED BY THE PRESIDENT AND MET AT THE DOOR BY MRS. EISENHOWER, ELIZABETH AND PHILIP ARRIVE AT THE WHITE HOUSE FOR THEIR FOUR-DAY STAY





CHILDREN'S GREETINGS, waving Union Jacks and Quebec flags, hail Queen in the city of Hull.



ROYAL PAGEANTRY carries Queen and husband from parliament escorted by Royal Mounted Police. →



AFTER SUNDAY SERVICE Elizabeth is escorted by Dean John Anderson of Ottawa cathedral. Because Queen must ride at right, Prince gets in, is seated first.

HONORS IN HER CANADIAN REALM

Canadians greeted their visiting Queen with ritual panoply belying the modesty of one subject who ruefully observed, "This sort of thing isn't easy for us. We haven't much spit and polish." His uneasiness was mollified when the Queen reviewed her first honor guard. They stood starch stiff, although it had taken them six weeks of practice to raise their endurance at attention from three minutes to 10. On her route to the capital hand-clapping subjects lined up in respectful ranks, and only children forgot restraint and broke into the open frenzy of flag-waving cheers.

Through her rigorous schedule of dinners, tree plantings, receptions and ceremonies of state, Queen Elizabeth bore herself with a matured ease and grace pleasing to Canadians who recalled the uneasy shyness of her first visit six years ago. Of all her official acts the one they found the most significant was her ceremonial opening of the Canadian parliament (*see cover*), first ever to be opened by a reigning Canadian monarch.

STROLLING WITH GOVERNOR GENERAL, Vincent Massey, Queen crosses → lawn at his residence. Massey's dog Duff leads way. Philip walks apart with aide.

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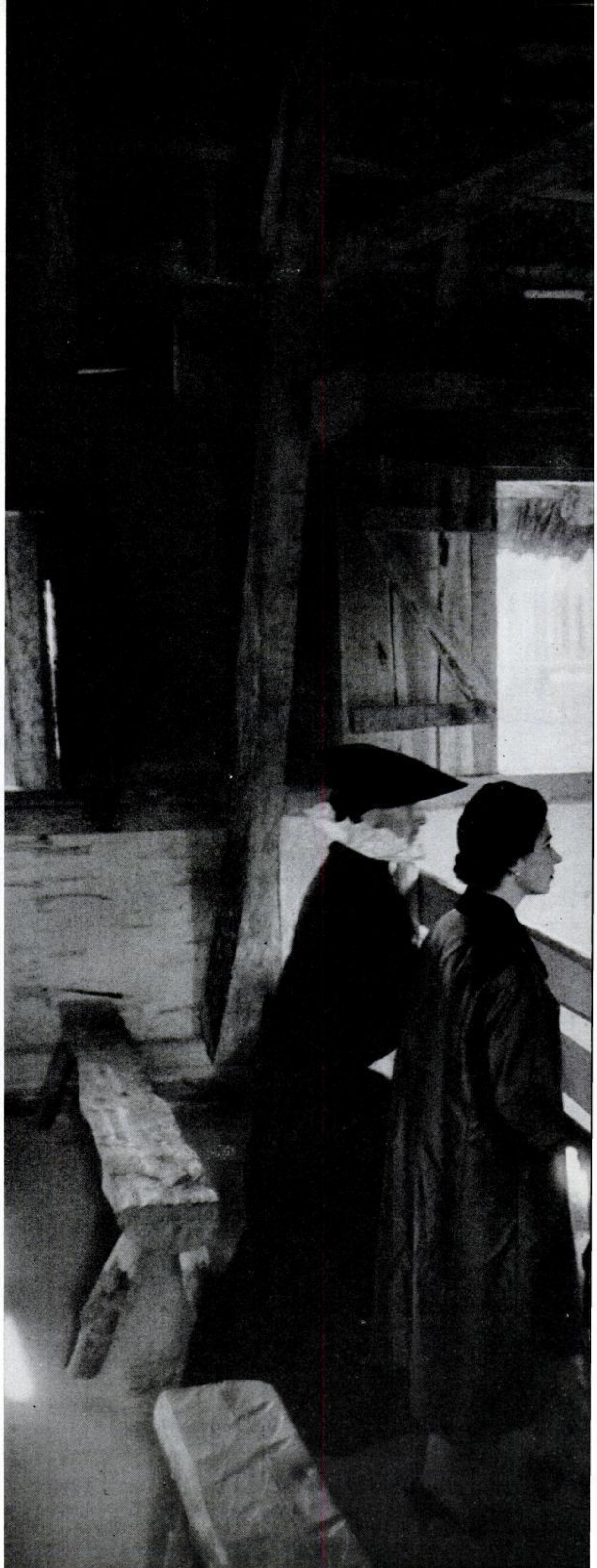


COSTUMED INDIANS, members of the Rappahannock tribe, await the Queen before their long house. Maiden in deerskin dress at left enjoys last-minute puff.

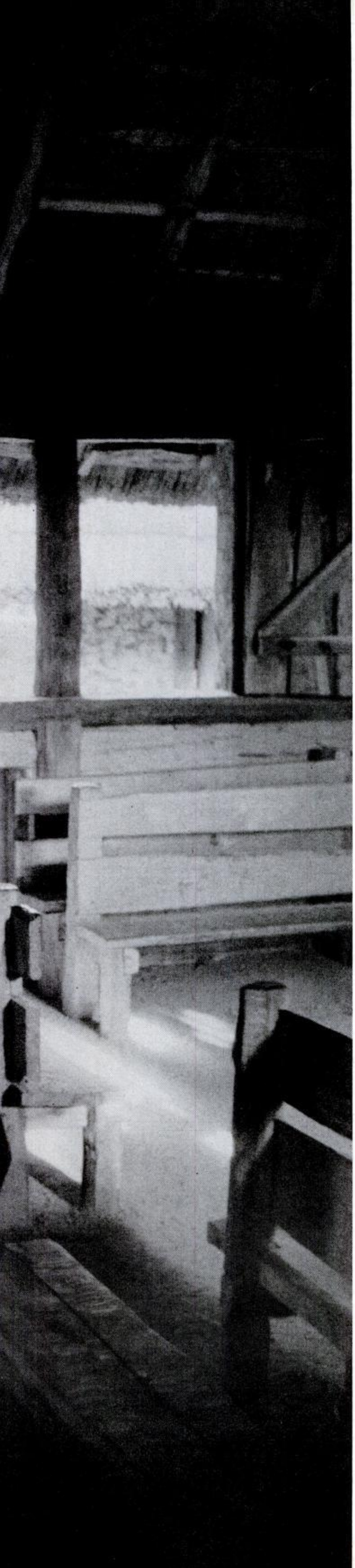


DECORATED GIRL SCOUT, Jennifer Ankers, gets notice. "You have a lot of medals," said Philip. "Six," she replied. In back is Governor Thomas Stanley.

WITH "PARSON," QUEEN VISITS JAMES FORT CHURCH REPLICA →



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ROYAL COUPLE DEBARK AFTER TOUR OF REPLICA OF COLONISTS' SHIP "SUSAN CONSTANT"

MEMENTOES OF HER NATION'S GREAT COLONIES

Appropriately the Queen's U.S. visit began at the Jamestown, Va. festival celebrating the 350th anniversary of the first permanent British colony in America. This first day in the U.S. differed from the ceremonial and pageantry of those preceding and following. Here, in the reconstruction of Jamestown's rude beginnings, Elizabeth became a sightseer, looking into the past at the pioneering vigor of her nation—"an adventure in freedom," she called it.

During her busy day the Queen called at William and Mary College, oldest in the U.S. after Harvard and named for the British king and queen who chartered it in 1693. There she took tea with President Alvin Chandler. The beverage was brewed from tea of her own blend which was ordered in advance from England.



MOCK PRISONERS, locked in the stocks for her edification, amuse the Queen. "Does it hurt?" she asked, while Philip inquired, "Do they throw rotten eggs at you?" The prisoners replied, "No."

CONTINUED 27

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SERIOUS HOSTS, President Eisenhower and Secretary of State Dulles draw aside while waiting for Queen, and hold private, earnest three-minute discussion. Pacing in foreground is a security officer.

DEMANDING DAYS AND DUTIES IN WASHINGTON



PARADE WATCHER WAVES A FLAGGED UMBRELLA

Arriving in Washington, the Queen found a duty of state awaiting her. It was necessary to give her formal assent for Prime Minister Macmillan's crisis-caused journey to the U.S.

That done, she turned to the functions that went on with so little respite that the royal pair were getting only six hours' sleep a night —"a little less than usual," an aide admitted. The round included lunch with the Nixons, wreath-laying at Arlington cemetery, receptions, a state dinner where she gratefully recalled Eisenhower's "many perilous months" as Allied Supreme Commander in Britain. She got back to the White House—she stayed in the Rose Room once occupied by her mother—three or four times a day for costume changes.

On one occasion while Philip went off to a meeting of scientists, Elizabeth paid a visit to Children's Hospital. There, in a city which was hanging avidly on her every word, she was slightly misquoted by 5-year-old John Wayne (Butch) Perry. Asked what the Queen had said to him, he recalled her sentiments but not her exact grammar by replying, "Ain't you cute!"



PROPERLY PLACED FEET of host Eisenhower and Queen Elizabeth toe the labeled markers bearing their names at the airport reception. Placement labels for all the dignitaries were taped to concrete.



A 2½-HOUR-LONG STINT at the British Embassy keeps Queen on receiving line. Here she takes curtsy

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from one of 2,800. Her dress is gold lamé. Philip wears uniform of Admiral of Fleet. As guests pass, introductions are read by R. C. Maley, Australian Embassy press attaché. At rear (*left*) are Canada's Prime Minister Diefenbaker, Lieut. General Sir Frederick Browning, Lady Euston (*behind the Queen*).

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GIFT FOR THE PRINCE, a football, is presented by Maryland co-captains Gene Alderton (*left*) and Jack Healy. Queen is at left. In center is Mrs. Elkins, wife of Maryland president, at right Mrs. McKeldin.



ABSORBED SPECTATOR, the Queen turns to question Elkins. At right is Governor McKeldin.

CLOSE-UP is provided as teams, Maryland, right, line up. Queen (*center*) is almost on scrimmage line.



HOW THE QUEEN SAW AN ODD NEW GAME— AND WHAT SHE SAID

Of all the Queen's experiences in America, the one she seemed to enjoy most was watching the Maryland-North Carolina football game last Saturday at College Park's Byrd Stadium. She sat between Maryland Governor Theodore McKeldin and Dr. Wilson H. Elkins, president of the University of Maryland, whose state pride was upheld by a 21-7 Maryland victory.

For a first-time spectator of an American football game, the Queen was a remarkably savvy spectator with a quick eye to pick out and a ready tongue to ask about the pertinent points of the game. Moreover, to the delight of her hosts, before the game was over she began to talk like a Maryland partisan.

"How many men are on the team?" she wanted to know before the game began. Shortly after, Philip was given a football and remarked: "I feel like kicking it myself." As Elizabeth watched the Maryland squad huddle before the kick-off she asked, "Why do they gather that way?" Later she asked to have the system of four downs explained, then inquired, "What do the numbers up there mean?", pointing to the scoreboard record of downs, yards to go, time remaining. Then the linesmen attracted her curiosity and she asked, "What are the poles and the ropes for that they carry?"

Wholesale substitutions evidently puzzled her for she asked, "Do they change teams?" Next she wanted to know, "What is the duration of the game?" She commented on differences between the two American and English games: "Why are the goal posts behind the lines at the ends of the fields? In Rugby the goal posts are right at the ends." Then North Carolina scored a touchdown and converted successfully. As the teams broke away she asked, "Why are they separating?"

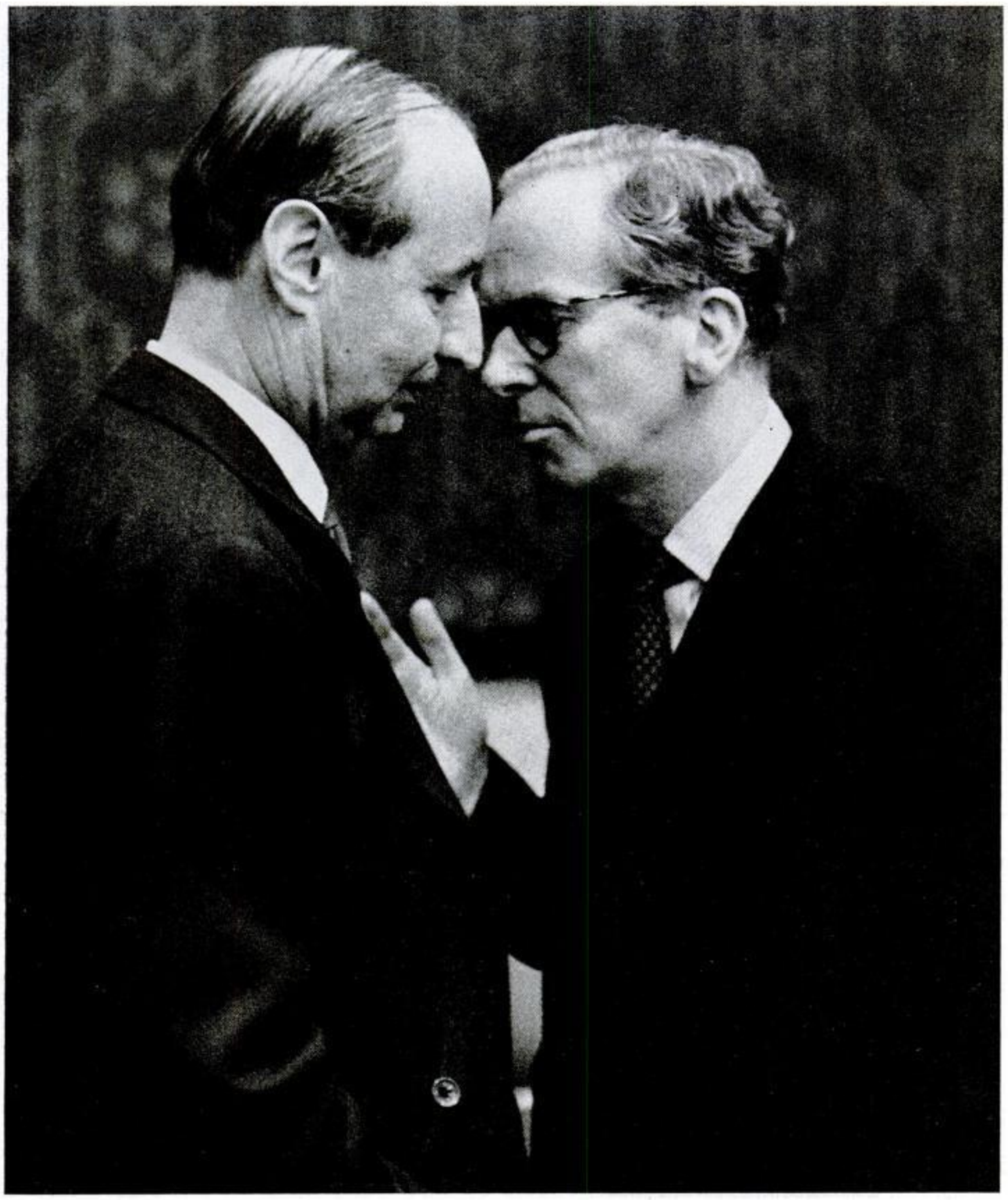
Beginning to respond to the game, she said, "My, it's exciting!" and then, her curiosity aroused again, she inquired, "Why does that one man [the center] leave the huddle first?" When an injured player limped from the field she said reminiscently, "In some respects it's like Rugby." A rough pile-up had her talking like a fan: "Oh, that was some spill!" Then a pass fell incomplete and she revealed her growing sophistication by asking, "Is it correct that the ball is returned to the point from which it started?" A penalty imposed on the Maryland team evoked from the Queen a rooter's dismay: "That's discouraging, isn't it?" After still another penalty, she expressed her newly aroused partisan opinion by remarking, "That umpire again!" Then, as a back faded back with the ball, she anticipated the play: "That's a pass." After a good gain around midfield, the Queen demonstrated another bit of newfound knowledge: "That's a first down—I know that." And when Maryland scored its first touchdown and the extra point was kicked successfully, she said with satisfaction, "That makes it even."

Prince Philip was an equally absorbed but a less restrained spectator. When he saw a Maryland runner take off in the second half on a long drive toward the team's second—and winning—score, he yelled, "Oh, man! Look at him go!"

PICTURE ANSWERS QUESTION: DID SHE LIKE IT? →

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WESTERN STRATEGY on Syrian complaint to U.N. is discussed by Turkey's Seyfullah Esin (*left*), Britain's Sir Pierson Dixon. Esin accused Russia of using a "fictitious situation" to intimidate Turkey.



EGYPTIAN SAILORS GO SHOPPING IN DAMASCUS

ONCE MORE A

Soviets charge in U.N. that U.S.

From the halls of the U.N. to the bazaars of Damascus the air crackled with the most ominous diplomatic threats heard since Suez (*see Editorial*). The Soviet Union, with an ICBM in hand (LIFE, Sept. 9) and a Sputnik in the air, last week fired off a new sword-rattling barrage of words. The Soviets accused the U.S. and its ally, Turkey, of plotting an attack on Syria, which the Russians have been busy arming as they once armed North Korea.

Turkish-Syrian enmity is an old story, made



TURKEY FACES RUSSIA over this barbed-wire fence and plowed path near the Turkish town of Kizilcakcak. The path is swept daily by Russian guards, who come down from watchtower on hill in background, to check on border crossings. Soviet Boss Khrushchev told a U.S. correspondent this

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AFTER LANDING SOME 1,500 NASSER SOLDIERS

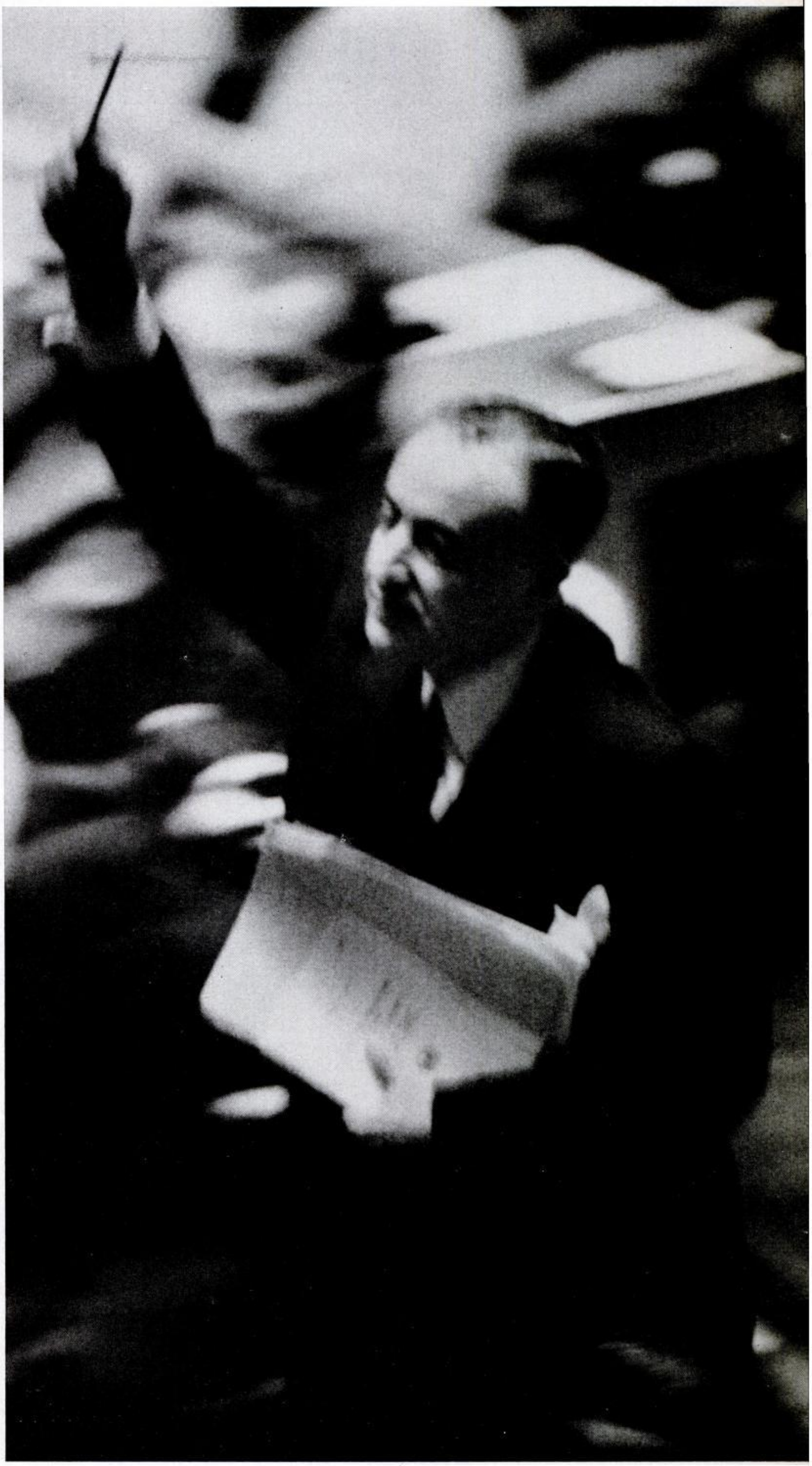
FEEL OF WAR

and Turkey plan attack on Syria

different now because of Russia's strategic ambitions. The Turks, who denied Syrian charges, have an army that could make short work of Syria's. But they also have a border contiguous to Russia's (*below*). Egypt's Nasser, who has also accepted Soviet arms, sent troops and a small fleet to Syria. Still affecting fear, Syria asked the U.N. to examine the matter. The U.N. agreed. The U.S. hoped that a thorough airing of the Communist charges would clearly show who really had designs on whom.



month, "We are near Turkey and you are not. When the guns begin firing . . . then it will be too late."



EXCITED SYRIAN, Farid Zeineddine, ambassador to U.S. until U.S. demanded his ouster, waves arm to get attention to set early date for U.N. debate. He was assured that it would take place this week.

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THE CRISIS AND ITS PRECEDENTS

Prime Minister Macmillan's abrupt decision to confer with the President is one more sign that the cold war is in a major crisis. There is more hot-war talk (and more silent hot-war thought) than in several years. Syria, abetted by Russia, launches the lie that Turkey and the U.S. are plotting a war. Dulles replies toughly that if Turkey is invaded, the U.S. will not merely come to its aid in "a purely defensive operation," but will "attack the attacker"—which may mean bombing the U.S.S.R. "War is an ever-present possibility," said Dulles—adding hopefully that "we wage peace more effectively" by remaining aware of that fact.

This crisis comes at a time when U.S. morale is itself in critical disarray. From Little Rock to the Russian ICBM and Sputnik, a series of unpleasant surprises has bombarded the self-confidence—partly cool, partly cocky, but now suddenly called "complacence"—that has been our public front during most of the Eisenhower years. Now Eisenhower's budget, his Pentagon, his Secretary of State, his science policy and even his personal competence are under growing attack. It is a time of portents and rumors as in Caesar's Rome. *Aviation Daily*, a serious publication, predicts that on Nov. 7, the anniversary of the Bolshevik revolution, the Russians will fire a rocket that will dye the moon red. Khrushchev may well calculate that if he is ever going to start a major war, now is the time he would find the United States most divided and unnerved.

We do not know whether this is a final crisis, or semifinal, or comparatively routine. We do know it is not the first of its kind. It is at least the fifth time the U.S. has been close to Dulles' famous "brink" in the last five years. There was Korea in 1953 (when we were on the edge of an expanded war), there was Indochina, there was the Formosa straits, there was the Russian threat to intervene in Suez, and now Syria. Each time war was avoided. Each time the United States has stuck to a policy, which is altogether new to the world in this century. That policy is military preparedness and a calm but serious warning to the potential aggressor. Dulles' warning to Khrushchev last week was a very grave commitment; but its precedents have worked.

No lesser policy is possible for a nation on whose courage the world's hope of peace with freedom depends. Let us trust that this crisis too will pass; and since it may, let us not neglect those other tasks of our leadership, the tasks of peace. These range from building a better free-world economic order (*see below*) and closer relations with our allies to repairing the breaches in our racial amity and improving our readiness for the new Age of Discovery in outer space. A cool and earnest undertaking of all such tasks, as of our military responsibilities toward the Russian threat, will make all the difference in the degree of unity and strength with which the free world meets this crisis, and the next.

A GOOD IDEA FOR FOREIGN INVESTMENT

Among the many points made by the distinguished speakers at the San Francisco Conference on international development (*see pp. 119–123*) four arrange themselves in a sort of syllogism. First, there is a worldwide shortage of capital, reflected in the worldwide rise in interest rates. Second, there has been a "revolution of expectations" in the underdeveloped countries, a realization that their poverty is not inevitable and a resolve to do something about it. This will take capital, and it means that the capital shortage is likely to last for many years.

Third, it was repeatedly brought out (by Vice President Nixon among others) that private capital, apart from its other advantages over governmental capital, is the only kind that can expand much in response to this new worldwide demand. It is generated chiefly by individuals and firms in the countries where private enterprise still flourishes, notably (but not exclusively) the U.S. These countries are interested in the health of private enterprise, partly because they like that system and partly because they know it is the surest and soundest way for any country, however backward, to improve its lot. And since these private enterprise countries can now expect that their scarce capital will be briskly competed for, their governments are in a position to exert some leverage among the competing borrowers in favor of the private enterprise system.

Now comes the fourth and final point, a proposal that ties all these themes together. Its author, German Banker Hermann J. Abs, calls it a "Magna Carta" for the protection of international capital. The more acute the capital shortage, the timelier this proposal looks.

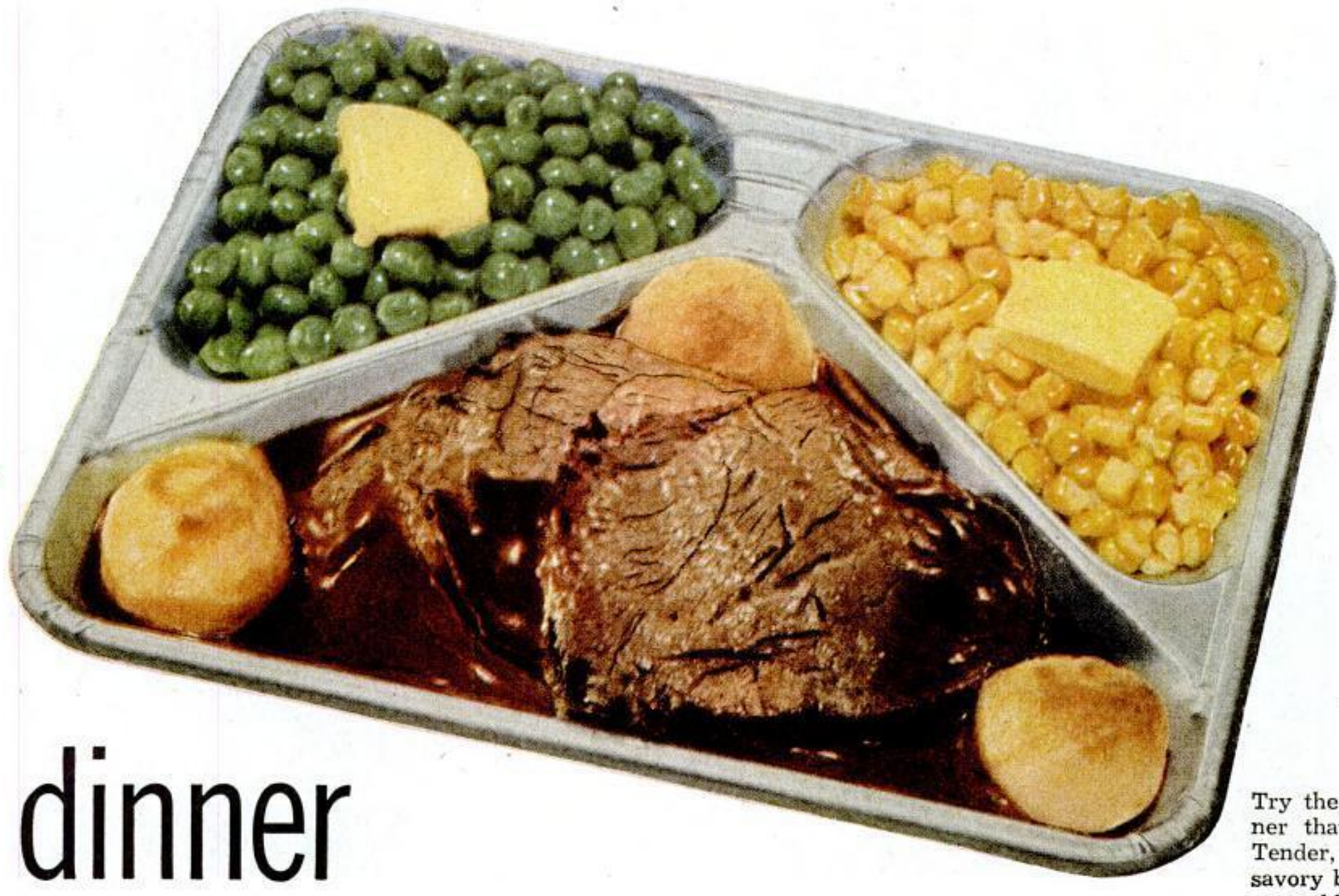
Abs is all for competition, among lenders as well as borrowers, and he is not trying to guarantee capital against the losses and risks of competition. But his Magna Carta would keep that competition on a strictly economic plane. Illegal losses and political blackmail, such as Nasser's when he seized the Suez Canal, would be minimized by a new International Convention. It would include all free world nations, both exporters and importers of capital, who are willing to encourage private investment by treating it fairly, without discrimination and according to established principles of international law. A special court would decide on measures (such as a joint refusal of further public or private lending to be taken against illegal expropriation or other violations of the code. Other private enterprise nations, said Abs, "would be most grateful to the United States if they would take the lead" in such a convention.

Well, why not? Why isn't this just the type of proposal the U.S. should have pushed in its own interest long since? The problem all along has been to create a more favorable *climate* for private capital in the borrowing countries; and the U.S., as the chief lender, has done far too little to force or encourage borrowing countries to create this climate. Instead we have been apologetic or defensive about private enterprise. We have also exaggerated or misread the "anti-capitalist" prejudices of underdeveloped and ex-colonial countries. As their representatives explained at San Francisco, they have natural biases and fears about the way they are developed—notably a bias in favor of local participation in the ownership and management of foreign-financed firms. But such legitimate conditions are perfectly compatible with a convention of the Abs type; indeed rules for good behavior by investors should be a part of it. Even socialists and capitalists can agree on what constitutes honesty, legality and a rational economic order.

If private investment is to do its share—which is the major share—in financing the new "revolution of expectations," the rules of its flourishing should be generally acknowledged and agreed to. These rules include a respect for private property rights and for the sanctity of freely made contracts. A multilateral convention is the proper way for law-abiding nations to express their common interests and intentions. A tremendous expansion of international private investment is their common interest and intention now; and this Abs scheme, it seems to us, is one good way to promote it.

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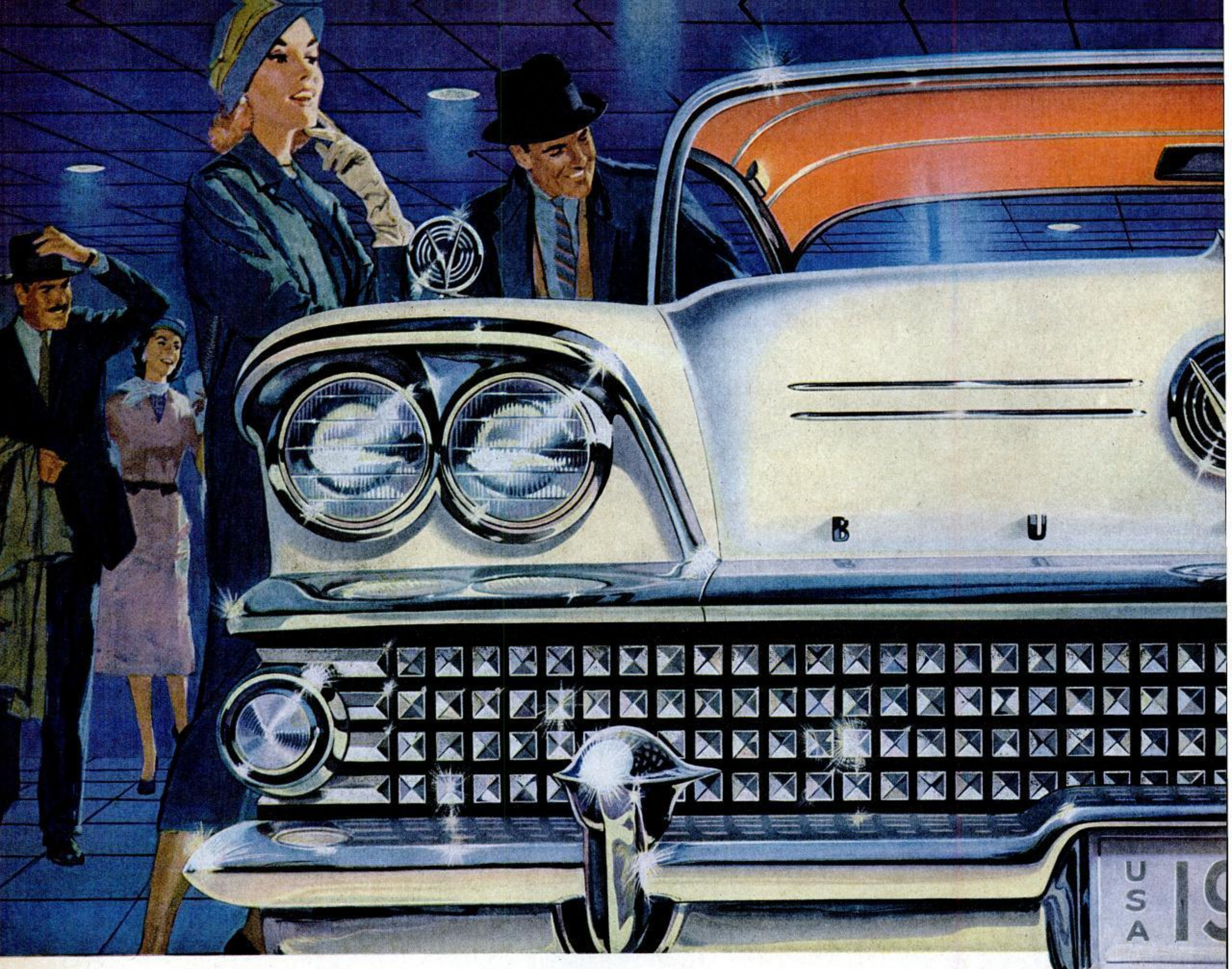
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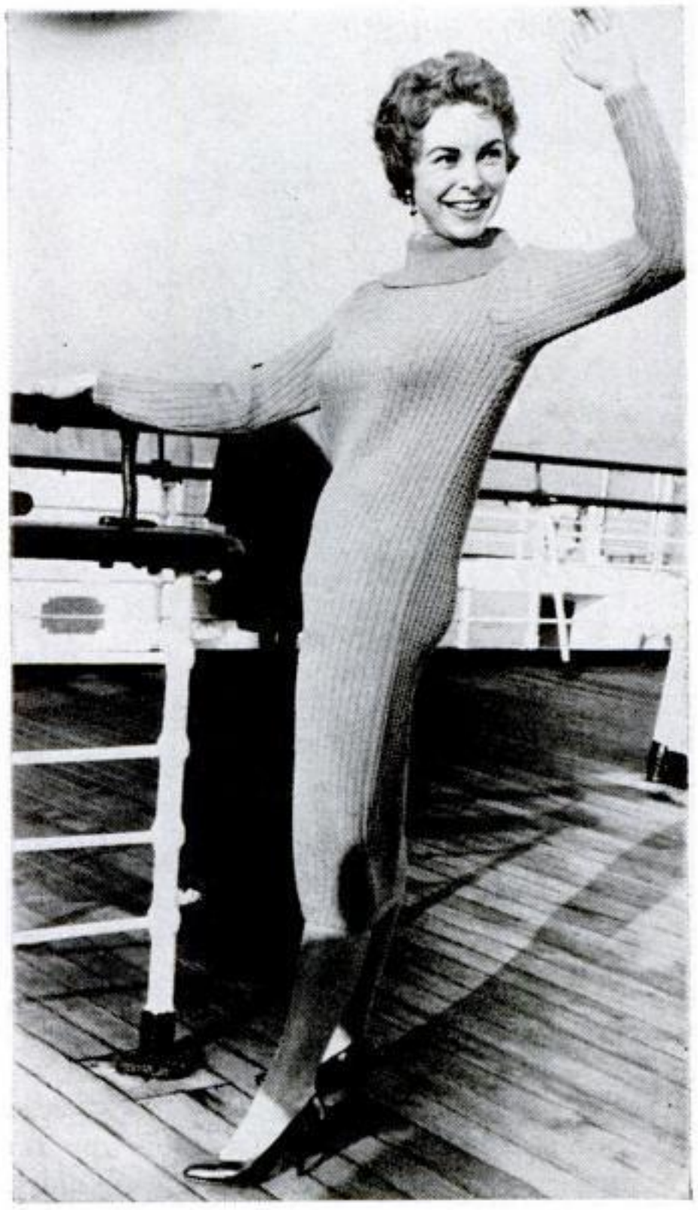


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A LOOK AT THE WORLD'S WEEK





TOO-LONG TURTLE NECK

Arriving in New York from Europe, Film Star Janet Leigh wore a startling new Paris style: a hipless, waistless, beltless pull-over "bag" that looked like a too-long turtle-neck sweater.

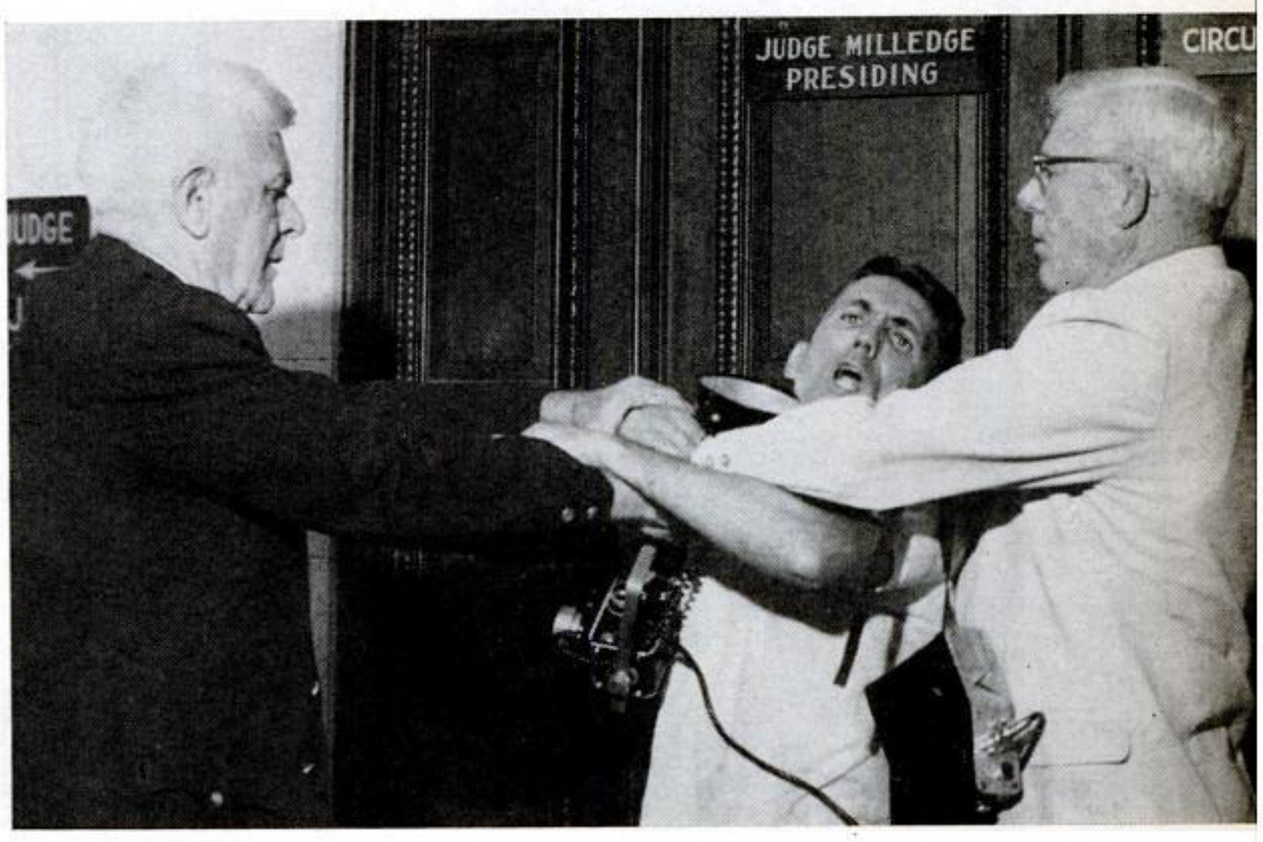
PINAY AGREEING TO TRY

Through the curtained window of the Elysée Palace office in Paris one night, former Premier Antoine Pinay could be seen from the street as he talked with French President René Coty (*left*). It was two nights before he made the third try to form a new government and end France's political crisis. But a leftist coalition in the French assembly beat him 248 to 198.



A CAKE CUTTER WITH BAD AIM

Crossing the international date line, the liner *Orion* lost the day of Kenneth Metcalf's second birthday. But the ship threw a party. As Officer Len Akeroyd (*right*) watched in horror, disgruntled Ken made as if to cut his mother instead of cake. Staff Commander E. G. Riddelsdell saved her.

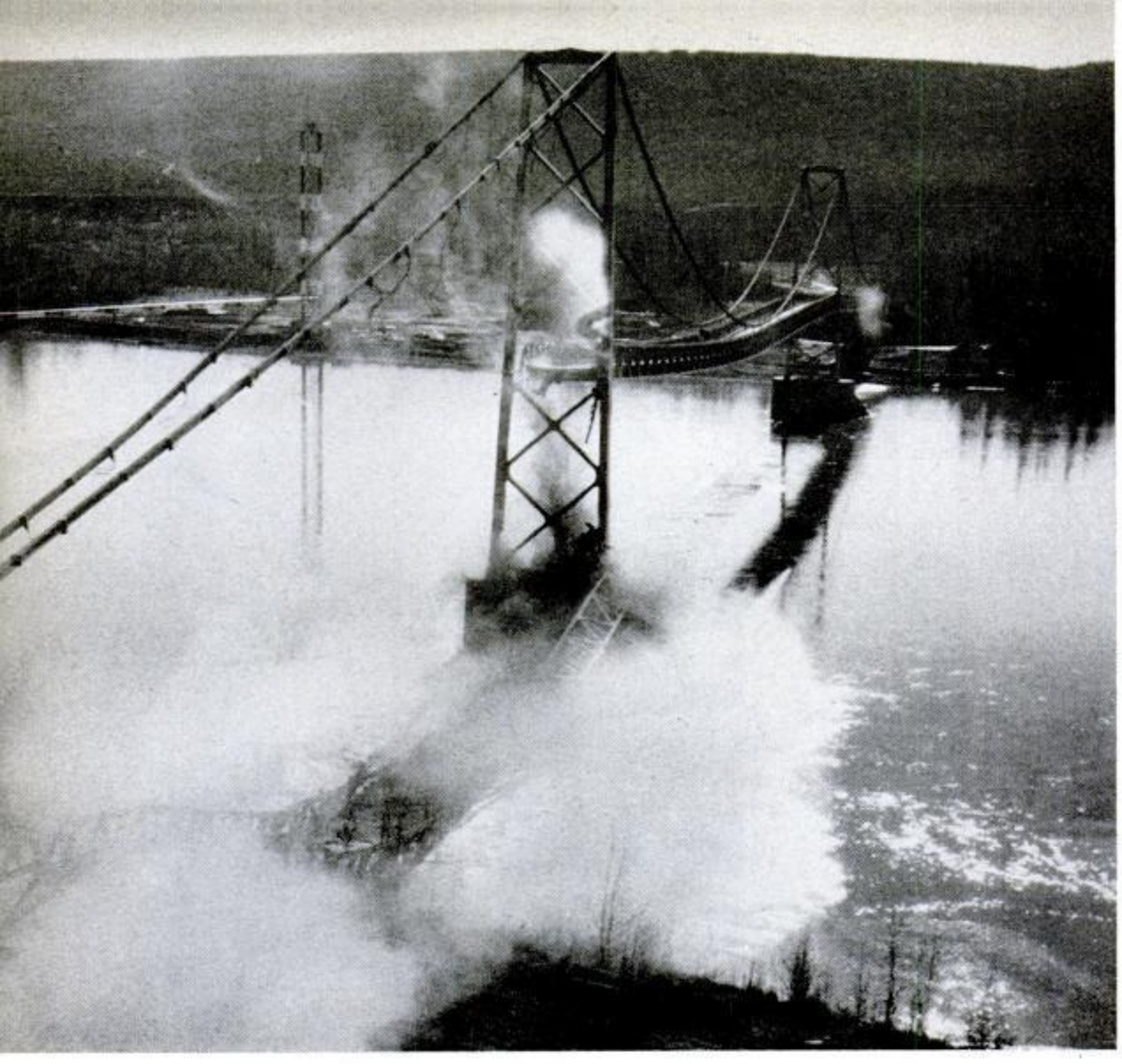


THE STRONG ARM OF THE LAW

In Miami, Dade County Circuit Judge Stanley Milledge was mad at photographers. In a corridor he confiscated TV film and argued with four photographers. Then he grabbed Miami *Herald*'s Steve Wever. As Bailiff Charles Michel helped, he broke Wever's camera in an ill-judged scuffle.

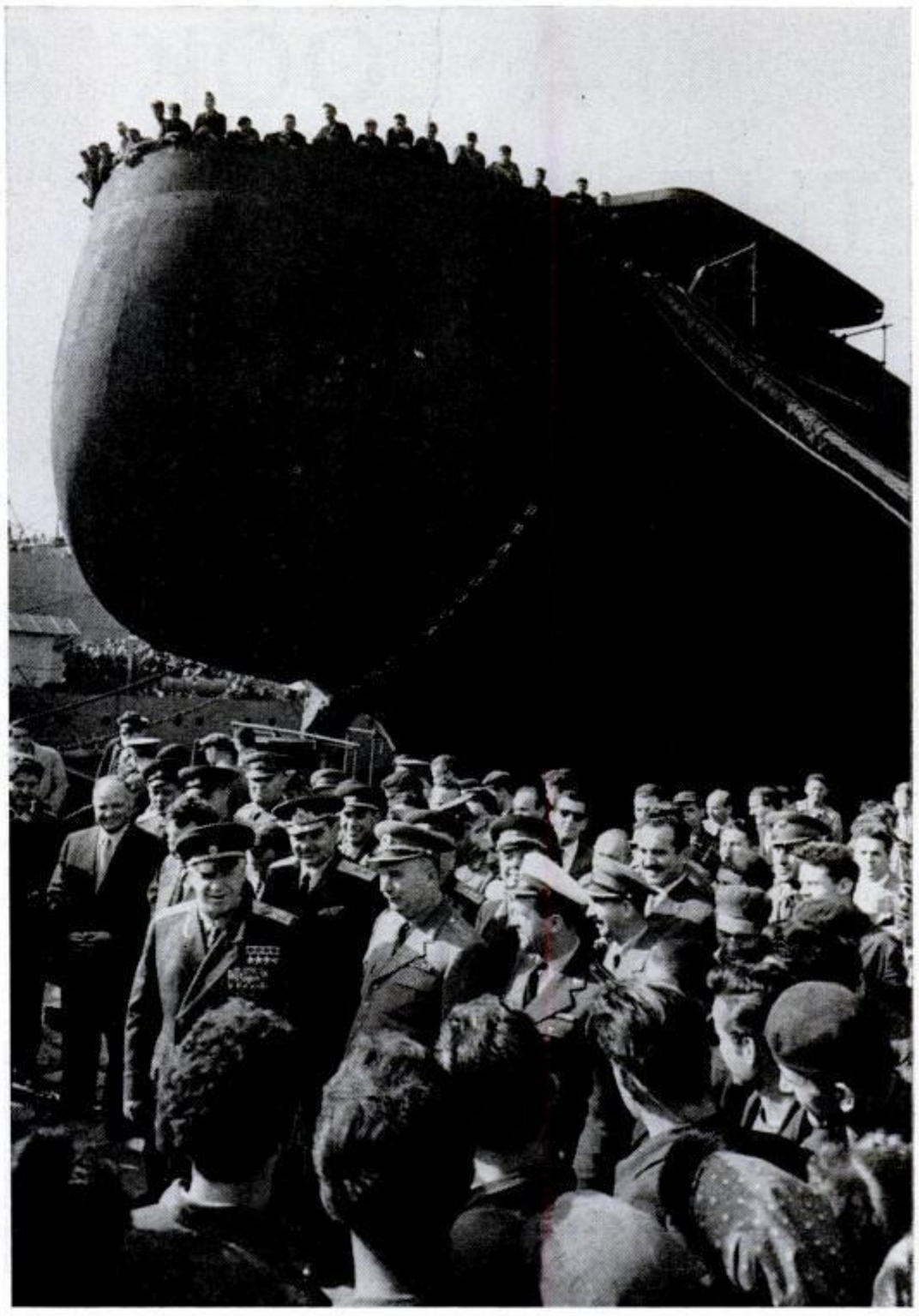
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A $10 MILLION BRIDGE COLLAPSE

With a screech of twisting steel, the north span of the Peace River bridge in British Columbia plunged downward, sending up a huge spray. Anchored in ground that shifted, this important Alaskan highway link had worked loose, then collapsed. To rebuild it will cost about $10 million.



ZHUKOV WOOING THE YUGOSLAVS

Under the whalelike stern of a ship crowded with railbirds, Russia's Marshal Zhukov, tunic resplendent with medals, poured on the charm during a visit to Yugoslavia. When Zhukov went home, Tito recognized East Germany, provoking West Germans to withdraw their envoys from Belgrade.



ALL FOR THE LOVE OF JUDY, LONDON BOUQUETS, RAVES

English music hall audiences have always been a soft touch for Judy Garland. Last week, back on the London stage for the first time in more than six years, she was loved by showfolk, who gave her bouquets, by critics, who raved, and by the customers, who booked the theater solid.

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Plan now for Christmas giving with these exclusive Wittnauer watches illustrated left to right: *Wittnauer Starlet*—a truly irresistible feminine watch with dainty expansion bracelet, $49.75; *Wittnauer Commodore All-Proof*—handsome styling plus utility of full protection against common hazards, $49.75; *Wittnauer Festival*—delicate in conception, slender expansion bracelet, $59.50; *Wittnauer Executive*—modern design of case complemented by the smart expansion band, $59.50; *Wittnauer Diamond Deb*—diminutive loveliness in a 14K white or yellow gold case, set with 2 fine diamonds, $79.50; *Wittnauer Captain Automatic*—self-winding movement and All-Proof, too, with combination leather-expansion band, $69.50; *Wittnauer Continental*—tastefully designed strap watch in 14K yellow or white gold case, $79.50. Prices include Fed. tax.



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PRESIDENT AND McELROY CONFER ON MISSILES

REDS TO MOON 'MAYBE SOON'

Film shows how they plan trip

On the heels of Sputnik, the Russians were talking cockily of their next space exploit. They hinted at hitting the moon with a rocket to celebrate the Nov. 7 anniversary of the Bolshevik revolution, predicted an observation station on the moon "maybe soon" and released in the U.S. a cartoon movie (*right*) showing how they proposed to send a robot tankette to the moon in five or 10 years. Already seen by millions in the U.S.S.R., this was the kind of movie that might be dismissed as science fantasy—if it were not for Sputnik.

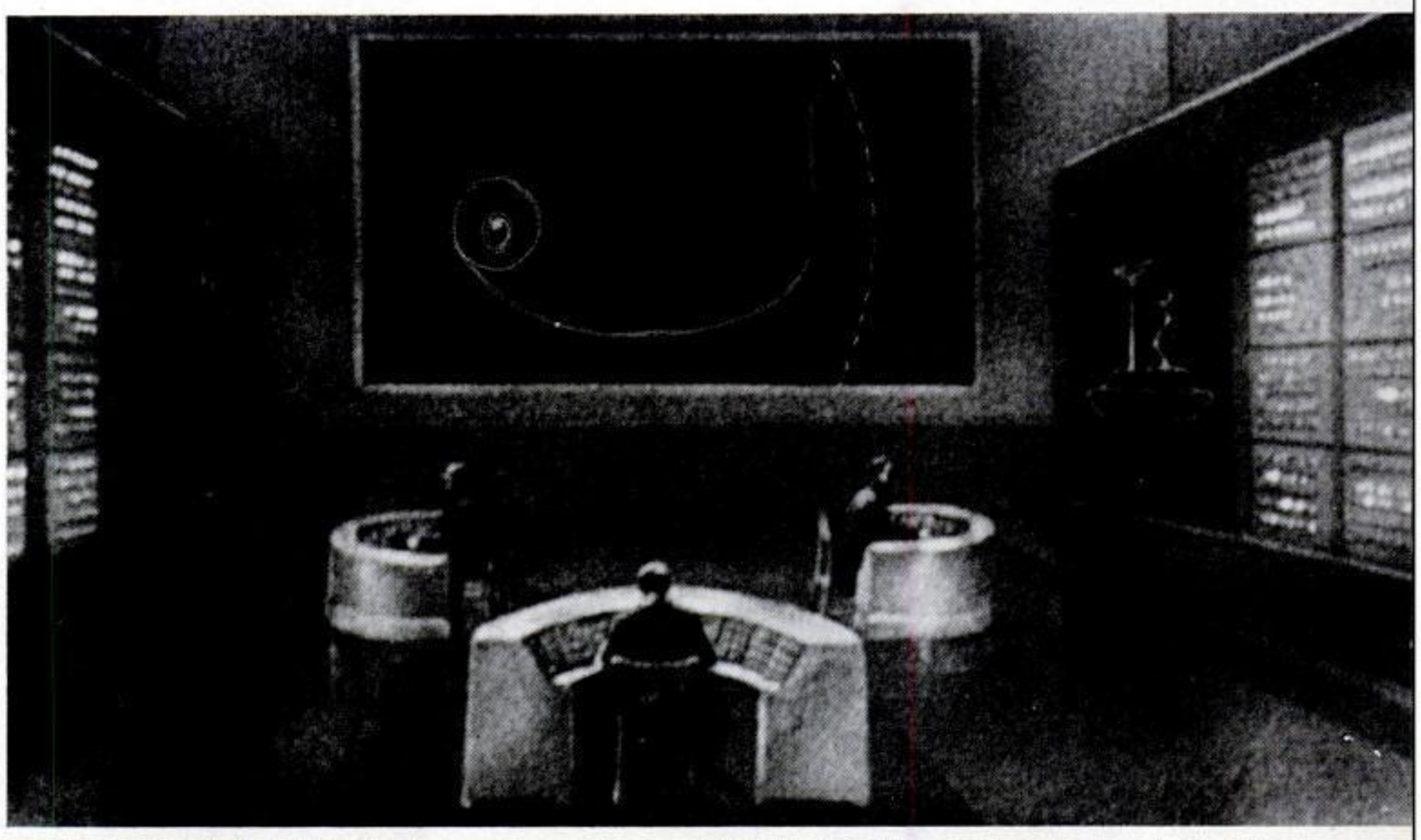
In the U.S., Sputnik caused President Eisenhower to spend part of his 67th birthday conferring with Secretary of Defense Neil McElroy (*above*). The next day he met with members of his Science Advisory Committee (*below*). By week's end McElroy had taken his first definite steps toward speeding up the U.S. missile program. He ordered all missile reports brought directly to him and made it clear that he was going to take considerable personal charge of the program. At Cape Canaveral, Fla., meanwhile, launching crews were preparing to test-fire the first three-stage U.S. satellite rocket.



AFTER PRESIDENT'S CONFERENCE scientists rush from White House, refusing to comment. Center is Columbia's Isidor Rabi, head of committee.

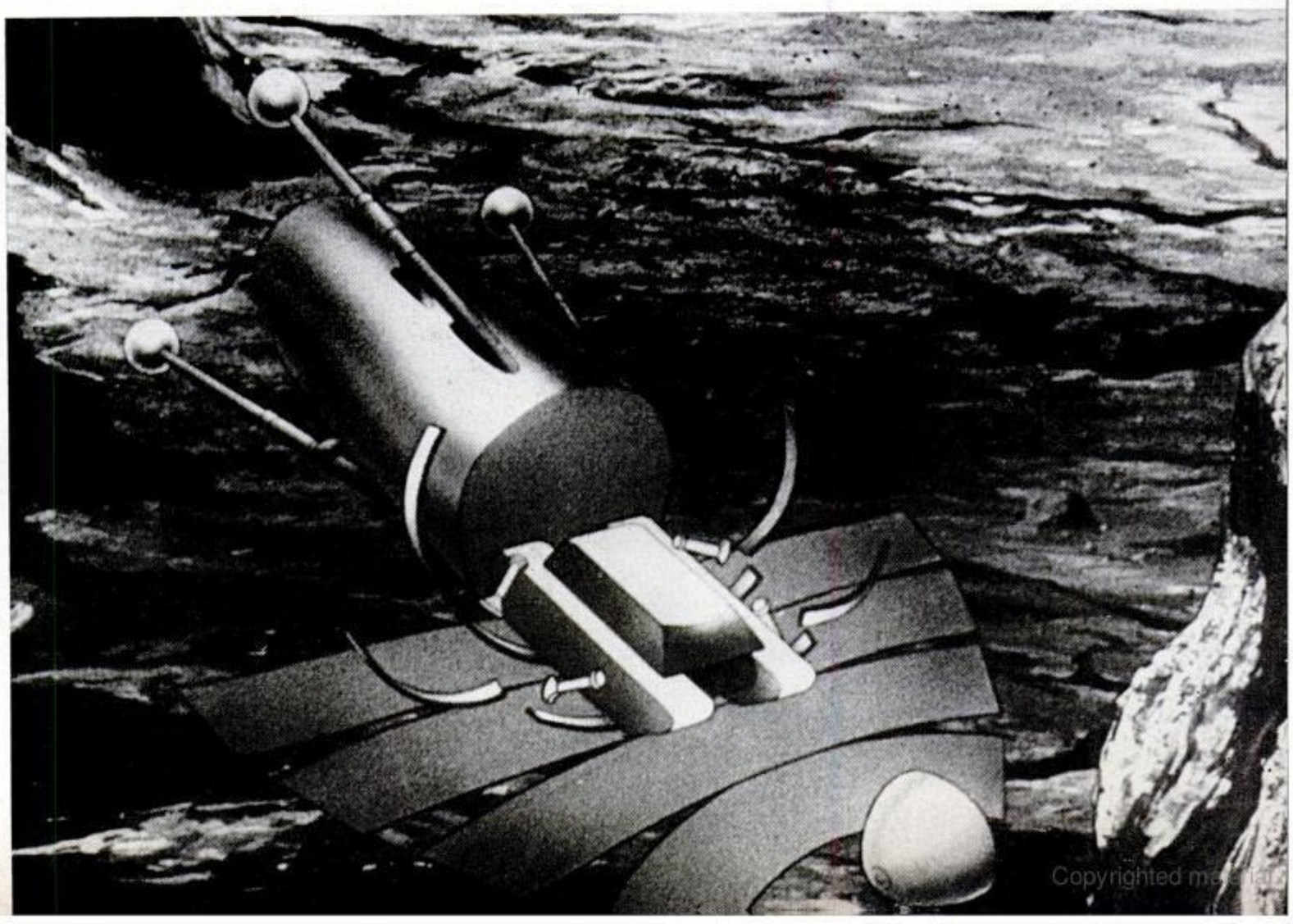


LAUNCHING MOON ROCKET, as shown in Soviet cartoon movie, is accomplished by giant space ship which takes off on long mountainside runway. After giving three-stage rocket initial momentum, space ship falls away. Soon after, the first and second stages fall away, leaving rocket's final stage in space.



CONTROLLING ROCKET, scientists on the earth follow schematic course on screen. It shows rocket approaching moon after leaving the earth's orbit.

ON THE MOON, robot tankette, controlled from earth, emerges from the rocket's nose, which opened up like a flower after a graceful, bumpless landing.



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The Edsel is a success.
It is a new idea — a YOU idea — on the American Road.

Not in a great many years has an automobile caused this kind of excitement. We believe it is because the Edsel is a *you* idea.

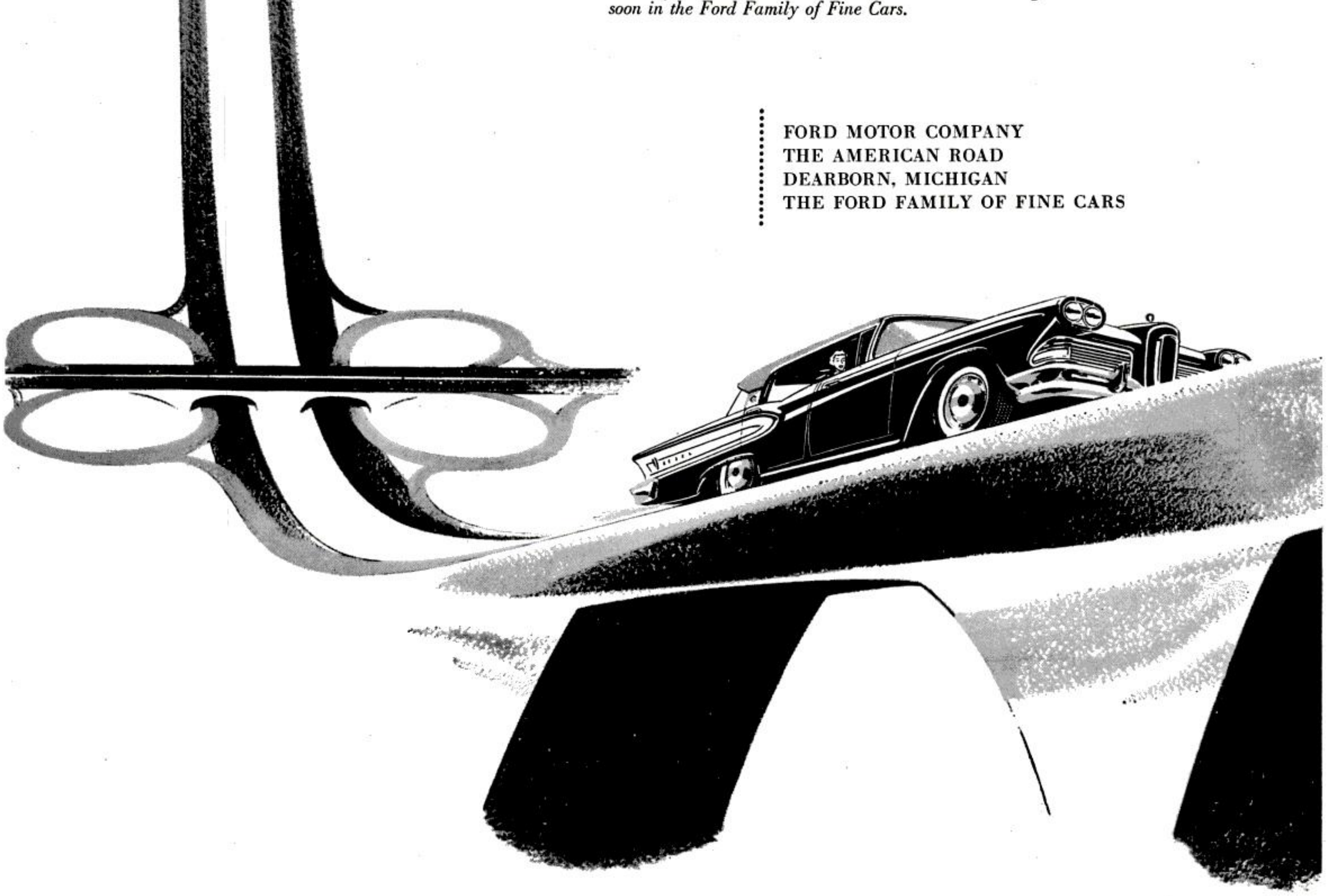
The Edsel is a car designed around *you*. Every exciting new advance was based on *our* opinion of *your* opinion. Now, we are more than pleased to see our judgment stand up—in the enthusiastic reception you have given the Edsel.

Today, the Edsel belongs to the American Road . . . a fitting companion to the Ford, the Thunderbird, the Mercury, the Lincoln, the Continental. When you buy your next new car, you will pick from a new and wider choice in the Ford Family of Fine Cars.

The Edsel is a success.

Watch for more new ideas—more YOU ideas—coming soon in the Ford Family of Fine Cars.

FORD MOTOR COMPANY
THE AMERICAN ROAD
DEARBORN, MICHIGAN
THE FORD FAMILY OF FINE CARS



TURN PAGE

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This is the EDSEL

"The emphasis is on engineering, but the



The Edsel is as stylish in its performance as it is in its looks

The Edsel's classic vertical grille, its long lines, its graceful flight deck—all promise you a car beyond anything you have ever owned.

And the Edsel keeps its promise in every detail of performance.

The Edsel is powered by the newest V-8 engines in the world—the Edsel 400 and Edsel 475. Specifications: 400 and 475 foot-pounds of torque; 303 and 345 horsepower; 361 and 410 cu. in. of displacement; 10.5 to 1 compression ratio. You have never handled this kind of usable power before.

The Edsel's big, safer brakes need no periodic tightening. They adjust themselves automatically in the course of your day-to-day driving.

The Edsel shifts itself. In an Edsel equipped with Teletouch Drive, you just touch a button on the steering wheel hub. Teletouch Drive does the

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accent is on elegance”



Edsel Citation 2-door Hardtop

rest—smoothly, surely, *electrically*.

The Edsel's list of available new features is long. Examples: contour seats, a dial that lets you select temperature, quantity and direction of air with one twist of the wrist; a warning signal that flashes when you exceed your pre-set speed limit; another that flashes when oil is one quart low; a release that enables you to open the luggage compartment from the driver's seat.

You will find many things that make the Edsel different from any car you have ever driven. More exciting, more sure, more safe.

Edsel prices range from just above the lowest to just below the highest. You can afford an Edsel. And you can choose from four series—18 models. Your Edsel Dealer invites you to see and drive the Edsel—soon.

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1958

EDSEL

New member of the Ford family of fine cars

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Wesson® Oil
takes the smoke out of frying!



SOLID SHORTENINGS SMOKE. The special ingredient they contain, that makes them good for baking, breaks down at frying temperature. Smoking shortening is breaking down, and that can hardly be good for you.

WESSON OIL DOES NOT SMOKE because it is *all* shortening in its purest form—nothing added. Wesson is so clear and brilliant, so light in body, it sparkles as it pours. No other oil as fresh, as pure, and as light.

© 1957 WESSON OIL & SNOWDRIFT SALES CO.

Smoke's out! Flavor's in!

Enjoy cleaner frying with no clinging odor

Brighter flavor in foods—no greasy film even after they've cooled

Digestible frying—more safely prepared than with costliest solid shortenings

Easier and thrifty—Wesson's the shortening you pour and can use again and again



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IN BACKYARD OF HIS SON GEOFFREY'S OTTAWA HOME, AWARD-WINNER LESTER PEARSON PLAYS WITH GRANDDAUGHTERS, HILARY (LEFT), 3, AND CATHERINE, 2

A WORLDWIDE TROUBLESHOOTER GETS A PRIZE

After a two-year lapse, the Nobel Peace award is given to Lester Pearson of Canada

Not since 1954 had the Nobel Peace Prize committee felt that anyone deserved its award. Last week the prize was given to a Canadian, Lester Bowles Pearson, who enjoys equally the gentle fun of playing with his grandchildren and the tough work of international diplomacy.

"I am thunderstruck," said Pearson, on hearing the news. But the friends of Mike Pearson—World War I comrades gave him the nickname because they thought Lester too unmilitary—were not surprised. One of the architects of NATO and president of the U.N. General Assembly in 1952, he was largely responsible for the agreement to partition Palestine in 1947, played a major role in the truce in Korea which came in 1953 and fathered the U.N. Emergency Force which made possible the cease fire at Suez last year. For nine years he was Canada's Secretary of State for External Affairs, until his Liberal party lost the election last summer.

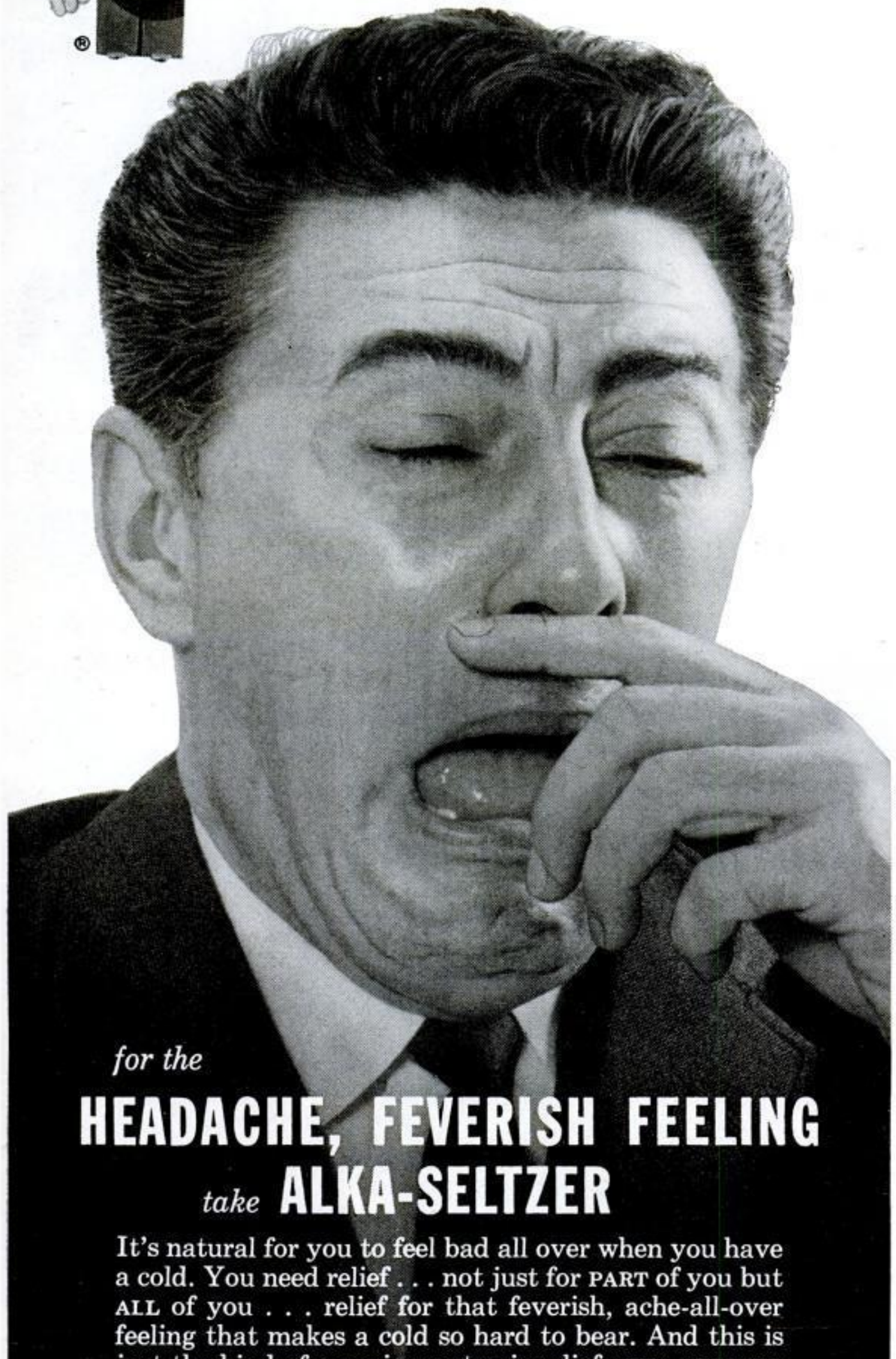
When he graduated from the University of Toronto in 1919 Pearson took a job in the Armour meat-packing plant in Chicago. He quit the meat business for a scholarship at Oxford, then quit a college teaching job some years later for his first job in the External Affairs Department. A modest, good-humored man with an addiction to sporty bow ties, he appreciated the honor of the Nobel award and the $40,275 that goes with it—useful to eke out the $10,000 a year he now receives as a member of parliament.

CONTINUED 47

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HEADACHE, FEVERISH FEELING

take **ALKA-SELTZER**

It's natural for you to feel bad all over when you have a cold. You need relief . . . not just for PART of you but ALL of you . . . relief for that feverish, ache-all-over feeling that makes a cold so hard to bear. And this is just the kind of superior systemic relief ALKA-SELTZER gives. Try it, and discover the difference!



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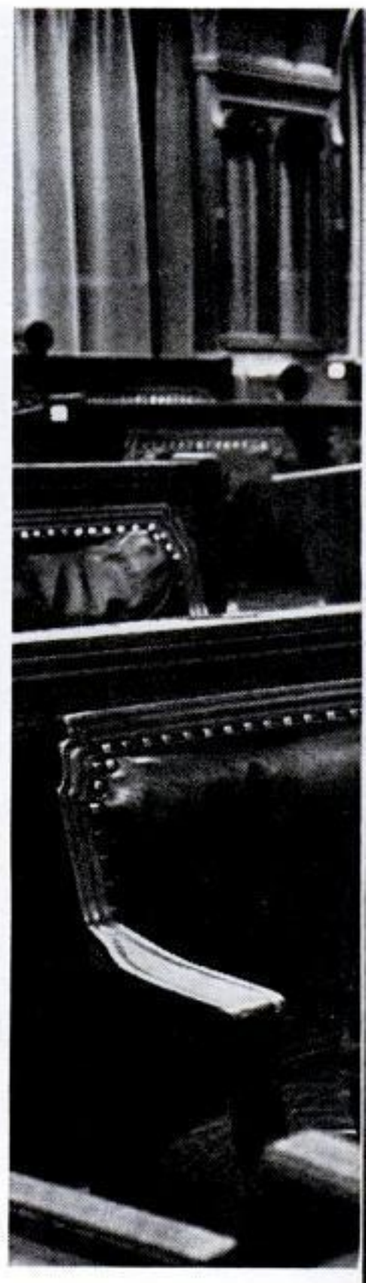
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MILES LABORATORIES, INC.
ELKHART, INDIANA

"Relief is just . . . a swallow away!"



CONGRATULATIONS are given Pearson on way to office by Mrs. Kenneth Wardroper, ex-aide's wife.



IN COMMONS Pearson has a front seat. He is expected to be chosen the new Liberal party leader. →



AT HOME, he spends evening with his wife Maryon. They live in seven-room apartment, mile and a half from parliament. Pearson walks to work for exercise

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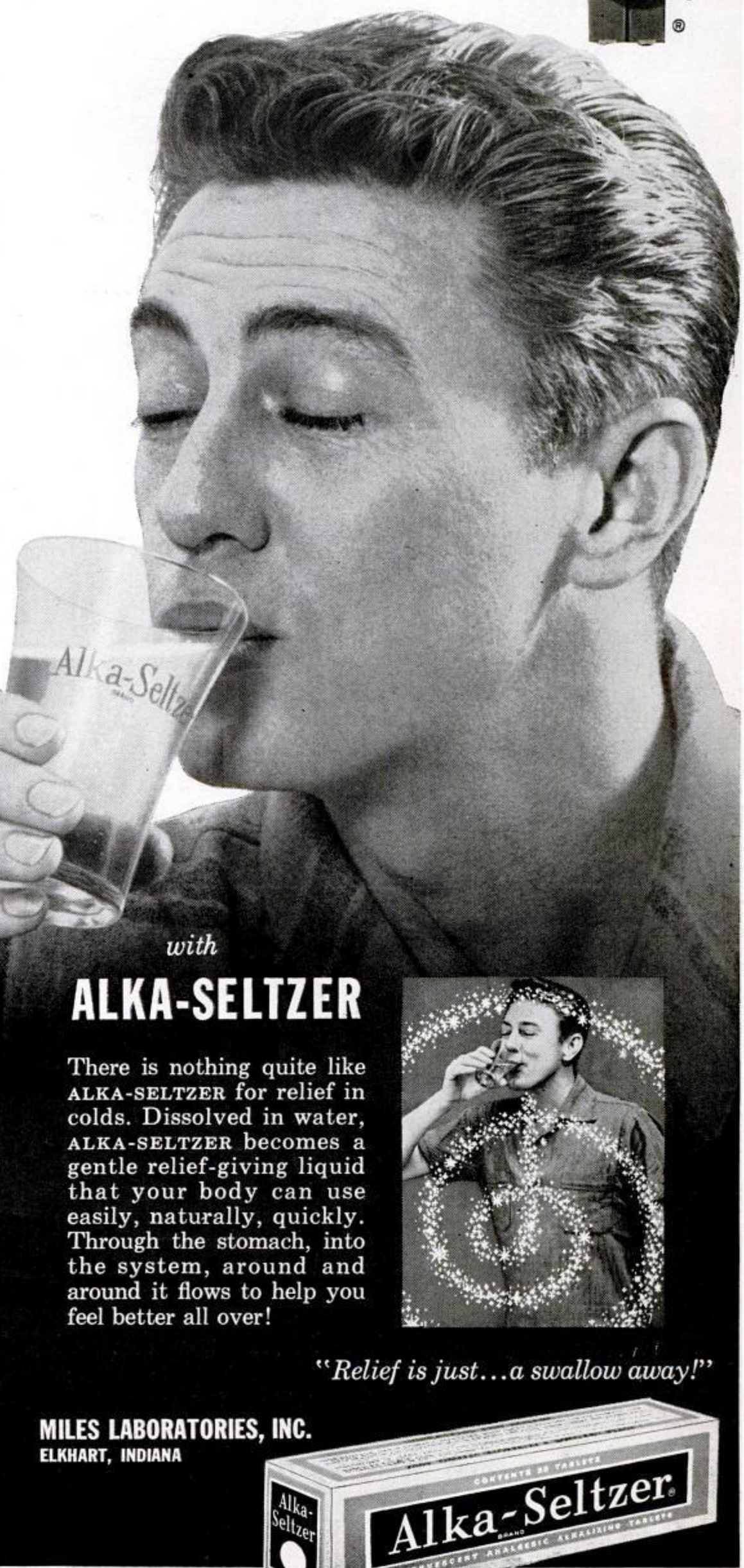




and chops down trees at his small country place. An avid baseball fan, on last visit to New York he interrupted busy schedule to see a World Series game.

RELIEF!





with

ALKA-SELTZER

There is nothing quite like ALKA-SELTZER for relief in colds. Dissolved in water, ALKA-SELTZER becomes a gentle relief-giving liquid that your body can use easily, naturally, quickly. Through the stomach, into the system, around and around it flows to help you feel better all over!

"Relief is just...a swallow away!"

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Now...Equitable's Living

Here is personal coverage on each insured member of your family under one single policy with a choice of two plans ...a Family Protection plan providing insurance on dad, mother and the children...and a Family Security plan providing a valuable savings feature, too.

If you're a young father, your primary interest probably is immediate individual coverage on yourself, your wife and your children. Then Family Protection is your plan, and here's what you get for each unit.

Family Protection

$5,000 of permanent insurance coverage on yourself . . . insurance with cash values that increase each year and on which you can borrow money in time of emergency.

$3,000 immediate coverage on your wife to age 30 . . . term insurance giving maximum protection during the critical years, decreasing gradually and terminating at her age 65.

$1,000 of coverage on each insured child under 18 . . . term insurance to age 25 or mother's age 65, whichever occurs first, may then be converted to permanent insurance without medical examination up to 5 times the amount of term insurance. Automatic coverage at no extra cost is provided for future children beginning when they are at least 14 days old.

Family Security

On the other hand, suppose you want the advantages of family coverage but feel that you'd like a greater amount of cash in hand when you reach retirement age.

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"FAMILY FUN" Photographed by George Zimbel

Insurance Family Style

Then the Family Security plan is for you. Here's what you get for each unit.

$3,000 of endowment coverage on your life payable in cash when you are 65 or payable on death before your age 65.

$1,000 of endowment coverage on your wife payable in cash on the very same day that the coverage on your life matures as an endowment — or payable on her prior death.

$1,000 of coverage on each insured child under 18 . . . term insurance to age 25 or your age 65, whichever occurs first. The Family Security plan also contains conversion privilege for the children, and automatic coverage for future children.

Built-in Benefits

The Family Protection Policy and the Family Security Policy are available in amounts up to a total of 3 units. Both plans have valuable built-in features. For example, if father dies, insurance on mother and children is automatically paid up with no further premiums due.

Take a long and careful look at your family now. Then send in the coupon below for complete details on *Living* Insurance Family Style.

Valuable Offer

If you act promptly, you will also receive a handy Equitable Baby Sitters' Memo and convenient chart for measuring and recording your children's day-by-day growth!

Family Plan Insurance not available in Massachusetts

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Living Insurance by Equitable

The Equitable Life Assurance Society of the U. S. • 393 Seventh Ave., New York 1, N. Y.

Gentlemen: Please let me have complete details on *Living* Insurance Family Style together with my copy of the Baby Sitters' Memo and its companion chart. I am _____ years of age.

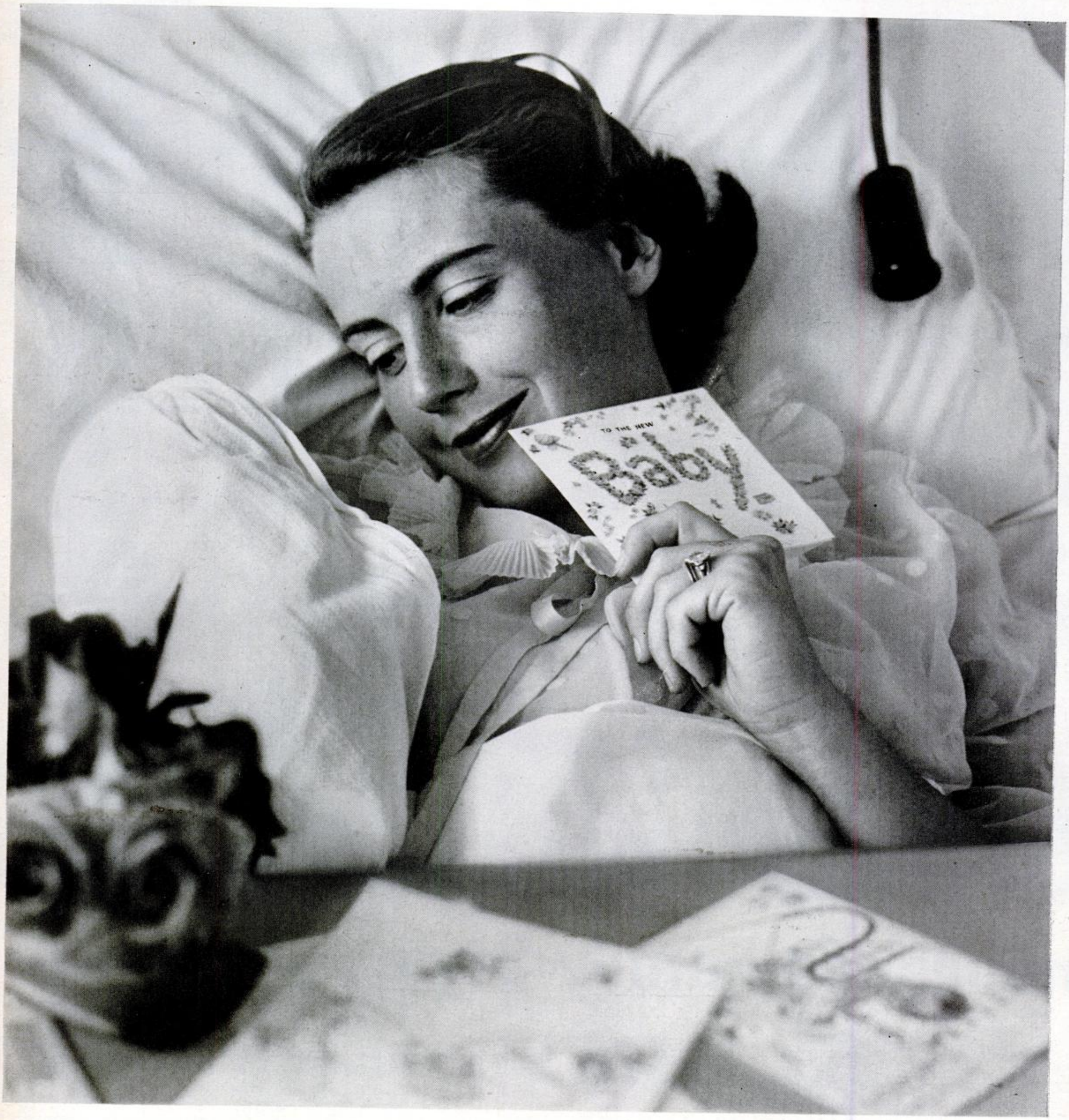
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FASHION

YOUNG SPANGLED SIRENS



SEQUIN BANDANA IS A USEFUL DRESSY TOUCH

Standard garb of vamps is new for college girls

College gyms, which on big fall weekends fill with the swish of tulle and the rustle of taffeta, are about to hear a new sound—the sibilance of sequins. These spangles, long the prerogative of seductive screen stars and other sirens, are being used in outfits specially designed for college-dating ingenues.

The basic sequin style is the sheath (*left*), but the new spangled wardrobe includes separates which are dramatic when worn together (*next page*) but which can be combined with other tops and bottoms for a slightly more sedate effect. Although sequins are usually expensive, the price of clothes is moderate and the cut is simple and restrained. This will be some comfort to nervous mothers, but the general effect will still be satisfactory to junior vamps.

SEQUIN SHEATH, high-necked and unbelted, is worn in this season's new shorter length ($50).

CONTINUED 53

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What a Beautiful way to wake up!

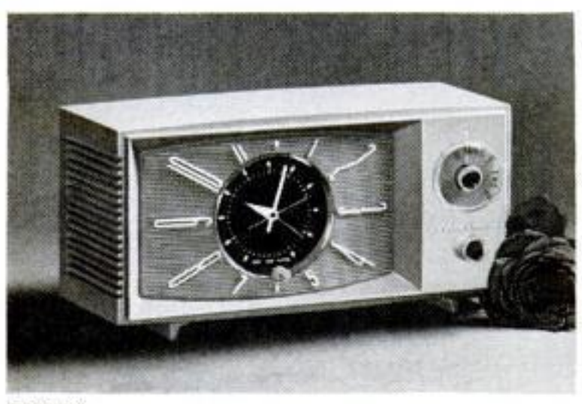


640T5

NEW WESTINGHOUSE LONG-LOW CLOCK-RADIO

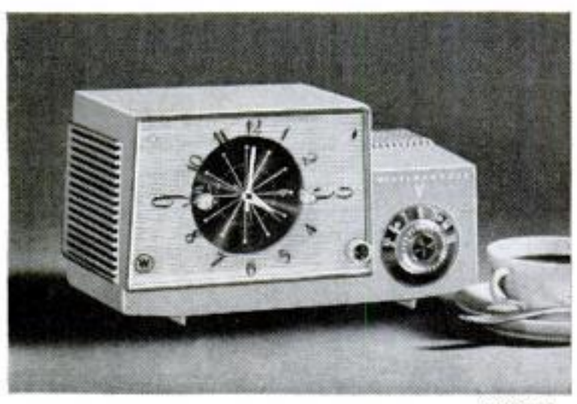
This low powerful 5-tube beauty makes your life sheer luxury! No more nerve-shattering alarm to start the day. It coaxes you awake with music . . . turns on the coffee. And, should you want to doze, you can set the buzzer alarm for 5 successive "second calls" 7 minutes apart! At night you can drift asleep to music and it turns off automatically. Illuminated dial. Handsome even from behind, it has a fully molded "wrap-around" back. Choice of Mocha & White or Turquoise & White. Try it and you'll agree . . .

WESTINGHOUSE MEANS POWER!



572T4

WIDE-AWAKE VALUE! Amazingly priced clock-radio makes it practical for everyone to wake up to music. Delayed alarm sounds if you don't get up. Trouble-free Silver Safeguard Chassis. 3 cream-soft colors.



583T5

DECORATOR'S DREAM! This eye-catching step-style clock-radio turns off after you fall asleep, wakes you pleasantly to music. Delayed buzzer alarm. High-gain loop antenna. Choice of 3 colors.

90-DAY PARTS AND LABOR WARRANTY ON ALL WESTINGHOUSE RADIOS!

YOU CAN BE SURE...IF IT'S Westinghouse

Television-Radio Division · Metuchen, New Jersey



GLITTERY SUIT has a simple cardigan jacket, is worn here with a white satin shirt and a pearl bib ($65). The skirt alone is sewn with 50,000 sequins.



SLACKS AND TOP are most sophisticated outfit ($65), can be worn with other separates. All clothes shown here are by Jeanne Campbell of Sportwhirl.

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CORBY'S

...enjoy life!



Corby's is a distinctive whiskey, specially blended for lightness, like fine imported whiskies. For more lasting enjoyment, try Corby's today.



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LIMITED, PEORIA, ILL.
BLENDED WHISKEY—
86 PROOF—68.4% GRAIN
NEUTRAL SPIRITS

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GUARANTEED TO GO THRU ICE, MUD

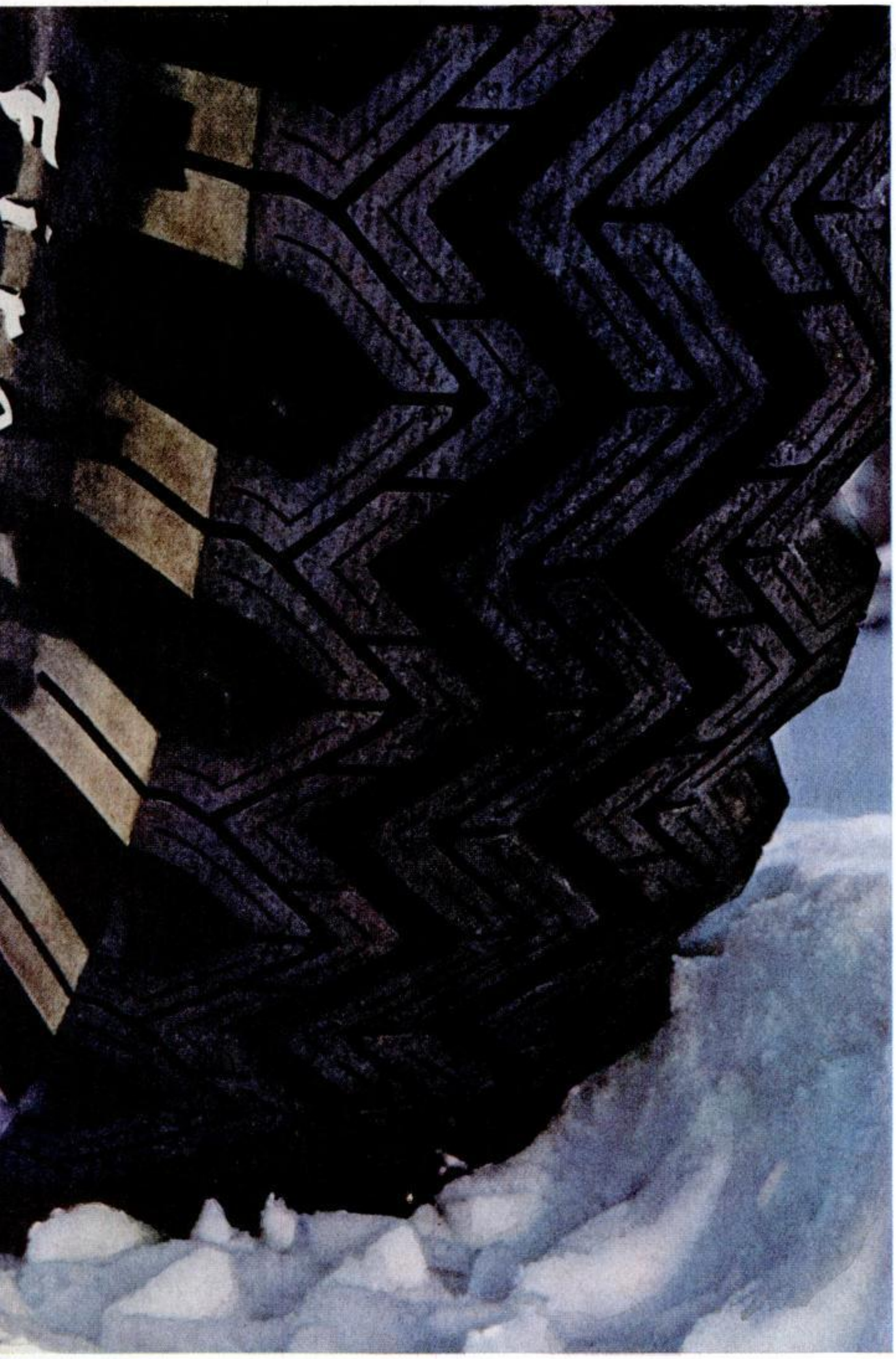
Firestone Town & Country Tires with

Firestone Town & Country Tires give you quiet dry pavement performance and mileage comparable to regular tires . . . so you don't have to wait till the long line forms! Put a set on your car today!

Here's the best way to judge the guaranteed pulling power of Firestone Town & Country Tires—with actual facts, straight from the snow belt in upstate New York. Last winter thousands of cars equipped with Firestone Town & Country Tires traveled Buffalo's snow-bound streets. And owners themselves told Firestone Dealers that even in the worst snows and slipperiest weather Triple-Action Traction pulled them through.

How can Firestone run up a record like that? Because the exclusive Triple-Action Traction of Firestone Town & Country Tires

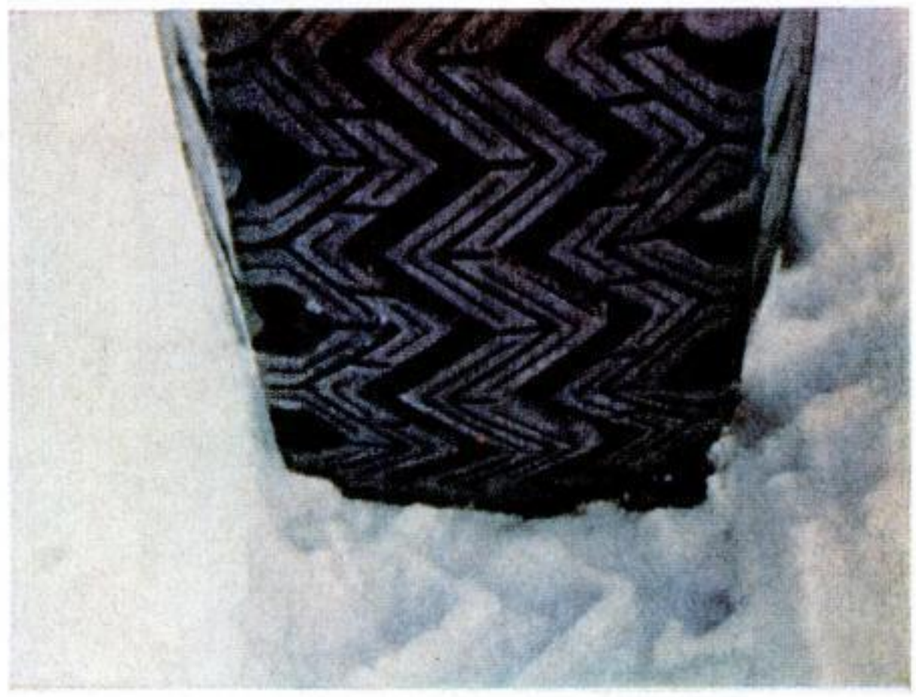
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1 **TERRIFIC PULLING ACTION**—***With husky, deep biting traction bars.*** No more spinning in snow, slush or mud when these traction-action bars bite in and take hold! Yet on dry roads you get hum-free, whine-free riding comfort and long, carefree mileage comparable to a regular passenger car tire.



2 **NON-SKID ACTION**—***With built-in skid-resisters and sharp angled cleats.*** Those action-angled cleats, molded in the extra-width tread, are powerful non-skid forces in themselves. But that's not all! Their design also includes thousands of almost invisible Skid-Resisters for extra gripping action on slick, wet or icy surfaces.



3 **SELF-CLEANING ACTION**—***Prevents traction loss due to "packing up."*** As your Firestone Town & Country Tires revolve, centrifugal force ejects snow or mud from the exclusive Firestone tread to prevent it from "packing up." This self-cleaning action keeps the tread clean and sharp—always ready for instant traction action!

OR SNOW OR WE PAY THE TOW!

triple-action traction!

delivers sure-footed pulling power in snow, slush or mud—and continuous self-cleaning action lets them *keep their bite*. And you get top skid-resistance on ice . . . plus long dry pavement mileage, whine-free quiet and greater driving safety at all speeds.

Start this winter right, with Firestone Town & Country Tires on your rear wheels. They're now on sale with either nylon or rayon cord bodies, black or white sidewalls, tubeless or for use with tube at your nearby Firestone Dealer or Store. But don't put it off and be sorry. Act now, before the long line forms after the first snowfall.

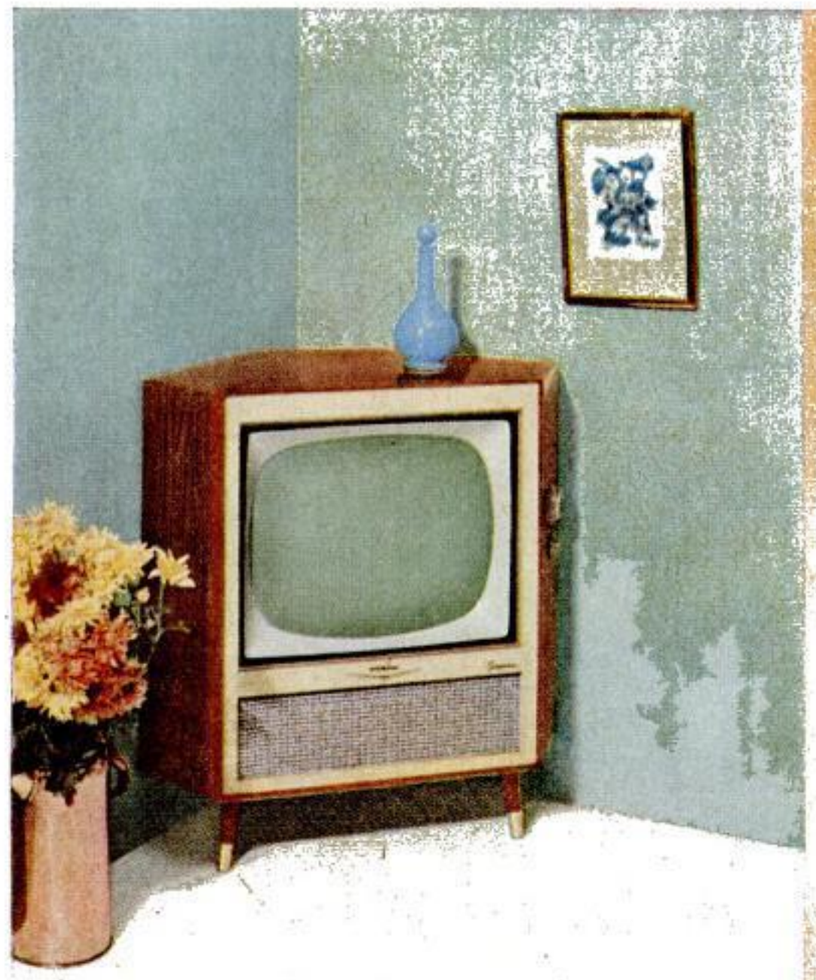
Firestone

BETTER RUBBER FROM START TO FINISH

Enjoy the Voice of Firestone every Monday evening on ABC television.

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"Custom-Corner" TV. Malvern. Gives room-wide viewing, 262 square inch viewable picture. In walnut grained finish with blond face (21T847) $289.95.



Fits close to wall—saves up to 9½ inches.

Longport. Dramatically slender, clean-lined console, 262 square inch viewable picture. In mahogany grained finish (21T842) $299.95.



Trim table TV. Holme Deluxe. Bigger picture in a smaller cabinet, 262 square inch viewable picture. In ebony finish (21D828) $219.95.



Table TV that swivels. Blaine Deluxe. Touch-turn convenience, 156 square inch viewable picture. In limed oak grained finish (17D818) $189.95.



Lean, clean lowboy. Fairhaven Deluxe. Luxurious modern cabinetry, 262 square inch viewable picture. In limed oak grained finish (21D856) $349.50.

See how new RCA Victor TV fits anywhere—it's lean, clean, mirror-sharp—from $129.95!

Here RCA Victor shows you slender, clean-lined TV at its best.

The cabinets save up to 36% floor space, *fit in beautifully where other TV couldn't go at all*—close up to walls, on narrow tables and shelves, even in corners! There's no space-wasting bulge in back, no needless knobs or gadgetry anywhere. This is TV that really helps you decorate and more than that—

It gives you the sharpest picture in black-and-white TV. "*Mirror-Sharp!*" You get the blackest blacks, the whitest whites, the clearest, cleanest contrasts possible. You also get Balanced Fidelity FM Sound and "One-Touch" on-off control—all at easy-to-take prices. "Lean, Clean, Mirror-Sharp" TV from $129.95—at your RCA Victor dealer's—now!

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Mfr's nat'ly advertised VHF list prices shown. UHF opt., ext. Slightly higher far West, South, Canada. Prices, specifications subject to change. RCA Factory Service available in most areas to RCA Victor owners.

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Museum's Muse

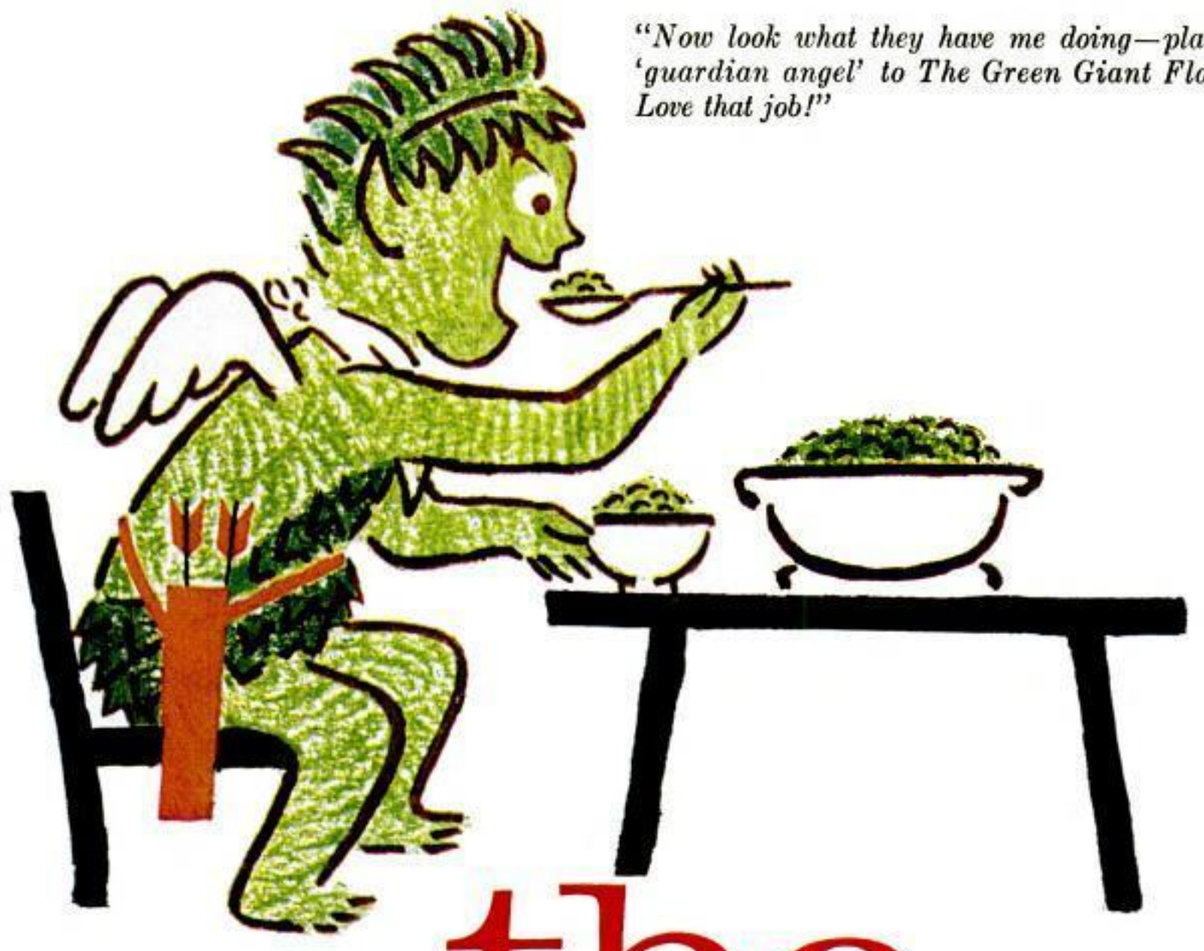
MINNEAPOLIS BUYS A $36,000 GODDESS

Because the market supply of ancient Greek sculpture has long since dwindled to a trickle, Director Richard S. Davis of the Minneapolis Institute of Arts felt as if a miracle had happened when a Los Angeles art dealer stopped by the institute and mentioned he was on his way to New York to pick up a Greek statue he had bought from a European collector. Davis promptly hustled off to New York himself and within a short time Minneapolis was the owner of the statue, to the tune of $36,000—"definitely a bargain," says Davis.

The statue, a life-size marble, was carved by a Greek in the First Century B.C. and later shipped to Rome, perhaps as spoils of war. In 1885 it was dredged up from the bottom of the Tiber River by a construction company. Though the statue is minus head and an arm, it is believed to represent a Muse of the Dance, bending perhaps to adjust her sandal. Today adorning the museum stairway, the goddess is considered one of Minneapolis' rarest acquisitions. "Not because of its period," explains Director Davis. "The rarity of it is its beauty."



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the Green Giant flavor

takes a loving hand

"Orchid of the pea family" is the way a poetic fella once described Green Giant Brand peas. Well, how could they help but be? We start with pedigreed seed in special soil. Prescribe the right plant food formula for every acre. Measure the sunshine and rainfall they get. Do just about everything but tuck 'em in at night. Then we pick and pack them at the fleeting moment of perfect flavor. The one and only Green Giant flavor. Wouldn't dinner tonight be a good time to get acquainted?

Choice of two family sizes: 17-oz. can, serves 4 to 5; 8-oz. can, serves 2 to 3.



the one and only

GREEN GIANT PEAS
BRAND

Picked at the fleeting moment of perfect flavor

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MADCAP TONY IS HEAVED INTO FOUNTAIN BY BANDLEADER LIONEL KERRIAN AS HIS FRIENDS WHOOP AND HOLLER

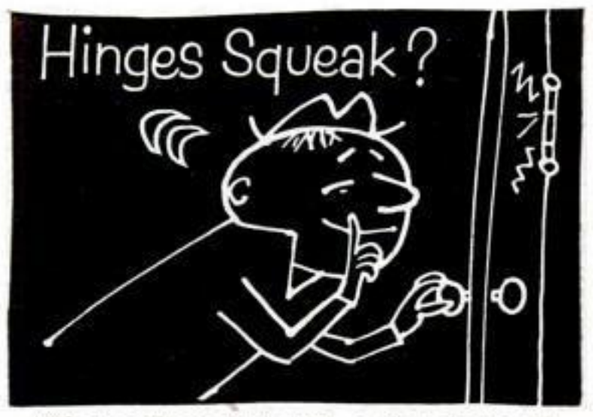
DAMP HOMECOMING FOR A MADCAP

Londoners, who have muddled through worse, managed to survive the homecoming of the Honorable Antony Patrick Andrew Cairnes Berkeley Moynihan, 21-year-old son of Baron Moynihan. Tony's departure a year ago for Australia had marked the unmourned decline of a fringe of London society which is sometimes called madcap. His return inspired a nightclub to stage a welcome party billed as a "Confidential Ball—dressed for exposure." Amid calypso and champagne, Tony's appropriately dressed friends tried him for "wilfully and feloniously" deserting them. Finding him guilty, they flung the Hon. Antony into a fountain in Trafalgar Square. Then some jumped in, too. None, however, drowned.

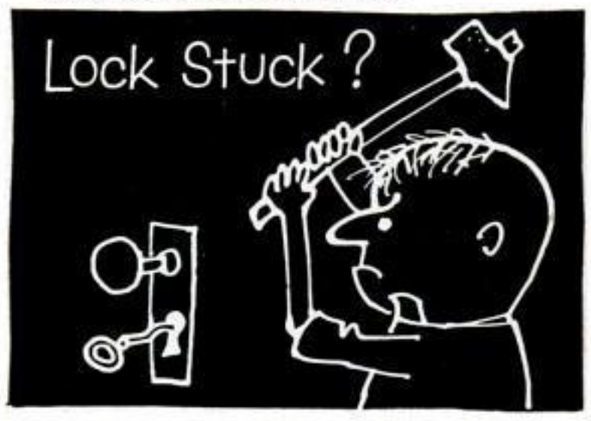
SURROUNDED BY HIS COURT OF ADMIRERS, TONY BALANCES MODEL WENDY SMITH ON HIS LAP AT THE NIGHTCLUB



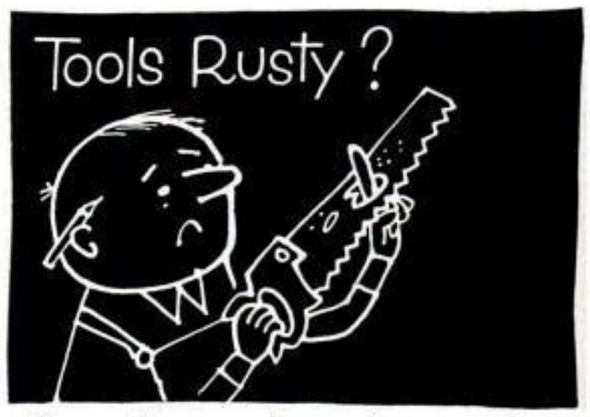
FIX-IT TIPS with "3-in-One" oil



Silence them fast with a few drops of "3-in-ONE" oil. The lubrication *lasts* and *lasts*. Prevents rust, too.



Put penetrating "3-in-ONE" oil in lock and on the key. Work key in the lock. It frees things fast.



Keep shop, garden and automotive tools bright with a coating of "3-in-ONE." Contains rust-inhibitor.



Just a few drops of clean-working "3-in-ONE" oil will quiet swivel chairs quickly. Doesn't gum up.

Keep things moving with

"3-IN-ONE® OIL



New handy spray can for hard-to-get-at places.

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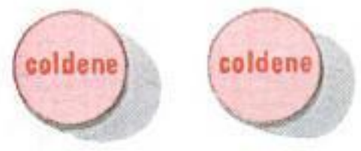
For colds



good



better



best

If you take **aspirin** or buffered aspirin for a cold, two aspirin tablets are more effective than one as a pain reliever.

Better still is one aspirin and one **Coldene Cold Tablet.** This combination gives pain relief plus relief for other miseries a cold brings.

But—for fastest, surest relief—for feelable relief in minutes from the symptoms of a cold, take **two Coldene Cold Tablets** every three hours.

Coldene Cold Tablets . . . **1.** give effective relief from **sneezes, sniffles, stuffy nose** . . . **2.** help ease raw and irritated **throat membranes** . . . **3.** are the only cold tablets that **relieve a cough** . . . **4.** calm that tiring, **ache-all-over feeling** . . . **5.** get into the bloodstream **fast.**

Ask your pharmacist to examine the Coldene Cold Tablet prescription printed on each bottle and carton. He'll tell you Coldene is **powerful, fast, effective.** Twenty tablets $1.

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Coldene*



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UP FOR AIR, Bandleader Kerrian, who was ducked himself after ducking Tony, climbs out of fountain without losing sunglasses he wore at 3 a.m.



BACK AT THE PARTY, Moynihan dances with Wendy Smith. "Everything has been dead as a duck while I've been away," he said. "That's all over now."

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textured calf

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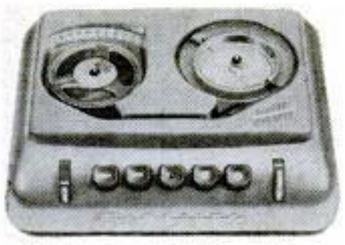


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Waller Brothers MOBILE HE 2-5694

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Heinze, Bowen & Harrington PHOENIX AL 8-7161

ARKANSAS
All State Supply LITTLE ROCK FR 4-1687
W. D. Wells Office Equip. Co. PINE BLUFF JE 4-8420

CALIFORNIA
Executive Sales Corporation ARCADIA PO 6-8644
Henley's Photo Shop BAKERSFIELD Ph. 4-9485
A. C. T. Off. Equip. GLENDALE CI 3-1131
Sanders Off. Sup. & Equip. INGLEWOOD OR 4-9770
Winstead Bros. LONG BEACH HE 2-3911
All Makes Dictating Machine Co. LOS ANGELES RI 9-7483
Elite Off. Equip. Co. LOS ANGELES OL 3-3160
Webster-Ratliff LOS ANGELES DU 5-2024
Wild & Co. LOS ANGELES VA 2947
Winter & Co. LOS ANGELES MI 3296
White & Dippel MARYSVILLE SH 3-7325
Shoob's Equip. Div. MODESTO LA 3-1828
Alpha-Bus. Equip. Div. OAKLAND TW 3-1436
Reese Off. Supply OXNARD HU 3-0151
Anderson Typewriter Co. PASADENA SY 3-2166
Tiernan's Off. Supply, Inc. POMONA LY 2-5010
Hi Fi Shop RIVERSIDE OV 6-1383
McCurry's SACRAMENTO GI 3-3756
Arrowhead Off. Equip. SAN BERNARDINO TU 5-8631
Executive Sales of San Diego SAN DIEGO AT 1-8159
Brooks Cameras & Sup. SAN FRANCISCO EX 2-7348
F. A. Thomas Co. SAN FRANCISCO DO 2-0836
American Off. Appliance Co. SAN JOSE CY 3-3063
Foremans SAN MATEO DI 3-1869
Tiernan's SANTA ANA KI 2-2365
Anderson Photo Service SANTA BARBARA WO 2-9153
King's Off. Equip. SANTA ROSA LI 5-6110
Shoob's Equip. Div. STOCKTON HO 4-0828
Pacific Off. Equip. Co. VALLEJO VA 2-7581
Jay Ness Off. Supply WHITTIER OX 4-7475

COLORADO
Broome Bros., Business Div. PUEBLO LI 5-1201
Colorado Visual Aids Supply Co. DENVER AL 5-5408

CONNECTICUT
Stryker's Off. Equip. BETHEL (Danbury) PI 8-3507
National Typewriter Co., Inc. HARTFORD JA 7-1115
Electronic Bus. Equip. Inc. KENSINGTON BA 5-3718
Davis & Nye, Inc. WATERBURY PL 4-0133

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The Photo Center, Inc. DOVER OL 6-9436 WILMINGTON OL 6-9436

DISTRICT OF COLUMBIA
DeJur-Amsco Corporation WASHINGTON NA 8-5691

FLORIDA
Kraynak Office Machines Inc FT. LAUDERDALE JA 2-0038
Parker's GAINESVILLE FR 2-2555
Orben Pictures JACKSONVILLE FL 9-1906
Accurate Business Machines MIAMI PL 7-2536
Dade Typewriter Co MIAMI FR 3-5335-6
George Stuart Inc ORLANDO GA 5-5411
Arias Office Machines ST PETERSBURG Ph. 5-4341
Wyatt's Business Machines TALLAHASSEE Ph. 1098
Halsey & Griffith WEST PALM BEACH TE 2-3883

GEORGIA
Ivan Allen Co. ATLANTA JA 1-0800
Georgia Dictating Equipment Co. ATLANTA JA 5-7706
Audio Visual Center AUGUSTA Ph. 2-0591

IDAHO
Fishers BOISE Ph 4-2541
Bangs Stationers, Inc. POCATELLO Ph 2284

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Stiles Office Equipment CARBONDALE Ph. 517 L
A.B.C. Dictating Machines Inc. CHICAGO MI 2-1050
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Warner's Office Equipment Co. MATTOON AD 4-7415
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Lens & Camera PEORIA Ph. 6-1321
C. H. Quest Typewriter Co. QUINCY BA 2-1031
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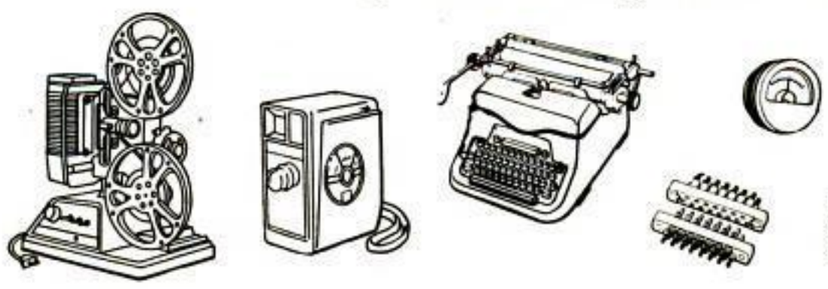
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Parkerson Typewriter Co. FORT WAYNE AN 9116
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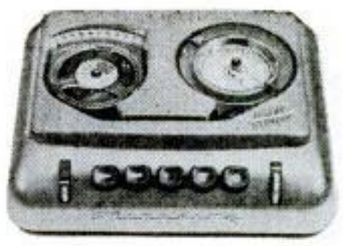
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Vere Smith's Audio Visual Serv. — ATHENS — Ph. 3-1883
Canton Electronic Bus. Mach. Co. — CANTON — GL 2-3059
Business Equipment Co. — CINCINNATI — MA 1-2413
Allied Office Machines — CLEVELAND — UT 1-2190
LINCO — COLUMBUS — CL 3-7266
Dayton X-Ray Co. — DAYTON — HE 4845
Lorain County Stationers — LORAIN — CH 4-2277
Click Camera, Inc. — SPRINGFIELD — FA 3-9491
Gross Photo Mart — TOLEDO — CH 3-2511
Record Shop, Inc. — YOUNGSTOWN — ST 8-6571
Zanesville Typewriter Exchange — ZANESVILLE — Ph. 3-2689

OKLAHOMA
Burt's Business Machines Company — OKLAHOMA CITY — JA 5-5222
TULSA — DI 3-3532

OREGON
Albany Typewriter Exchange — ALBANY — WA 8-7633
Oregon Typewriter Co. — PORTLAND — CA 7-3885

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Snyder Office Equipment Co. — GREENSBURG — GR 4666
Harris Co. — HARRISBURG — CE 4-8008
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Office Machines & Equip. Co. — NEW CASTLE — OL 4-6668
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Valley Typewriter Service — SAYRE — TU 3-9271
Georges B. Jones Com'n. Eng. — WILKES-BARRE — VA 2-6590

RHODE ISLAND
United Camera Business Div. — PROVIDENCE — PL 1-3700

SOUTH CAROLINA
Legerton & Co. — CHARLESTON — RA 3-2721
The R. L. Bryan Co. — COLUMBIA — AL 3-2201

SOUTH DAKOTA
Artz Camera Supply, Inc. — ABERDEEN — Ph. 4539
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Modern Business Equipment Co. — SPRINGFIELD — Ph. 6-0155
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NEW HAMPSHIRE
Edward H. Quimby Co., Inc. — DOVER — Ph. 878
Arthur N. Jennison Photo — KEENE — EL 2-2101
R. H. Llewellyn Co., Inc. — MANCHESTER — NA 3-8848

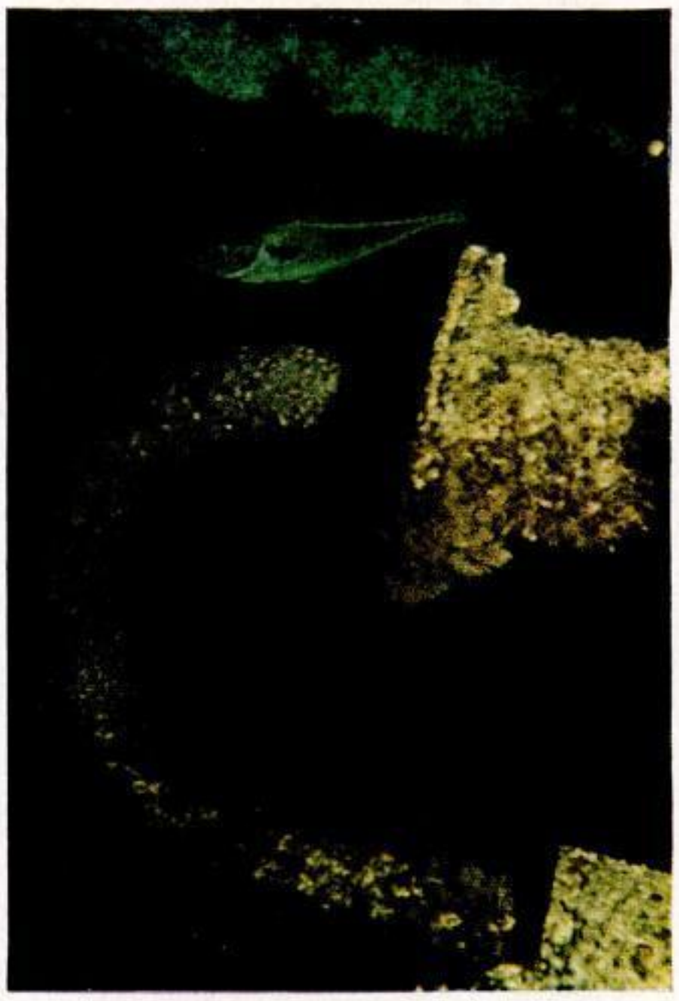
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Konen Equipment Co. — GENEVA — Ph. 9-5611
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Eastman Kodak Stores Inc. — NEW YORK — LO 4-6240
M. C. Flynn — NEW YORK — PL 8-2080
General Dict. Machines, Inc. — NEW YORK — RE 2-5454
Midtown Typewriter Co. — NEW YORK — AL 5-4752
Peerless Camera Store, Inc. — NEW YORK — MU 7-1000
Sonocraft Corporation — NEW YORK — JU 2-1750
Stentor's — NEW YORK — MU 6-5353-4
Willoughby's Bus. Methods Corp. — NEW YORK — LO 4-1600/1694
Bell Office Equip. Co. — PEEKSKILL — PE 7-3242
Vaeth Office Supply, Inc. — POUGHKEEPSIE — GR 1-1390
City Typewriter, Inc. — ROCHESTER — BA 5-9690
Culver Office Equipment Co., Inc. — SCHENECTADY — FR 7-6446
W. G. Brown Sound Equip. Corp. — SYRACUSE — GR 5-5161
Severance Photo, Inc. — WATERTOWN — Ph. 9555

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Talman Office Supply — ASHEVILLE — Ph. 3-2376
Mathias Business Equipment Co. — CHARLOTTE — FR 5-0878
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ENCRUSTED LAMP (*left*) hanging on port side of *Doria*'s promenade deck is now thickly coated with marine growth. A pollock from the schools of cod and pollock now inhabiting the ship swims forward.

THE SEA'S TOLL on the *Doria*'s No. 2 port lifeboat shows up in two of divers' pictures: the one (*above*) taken a year ago, the other (*below*) taken this summer, the boat's lettering obscured by marine growth.



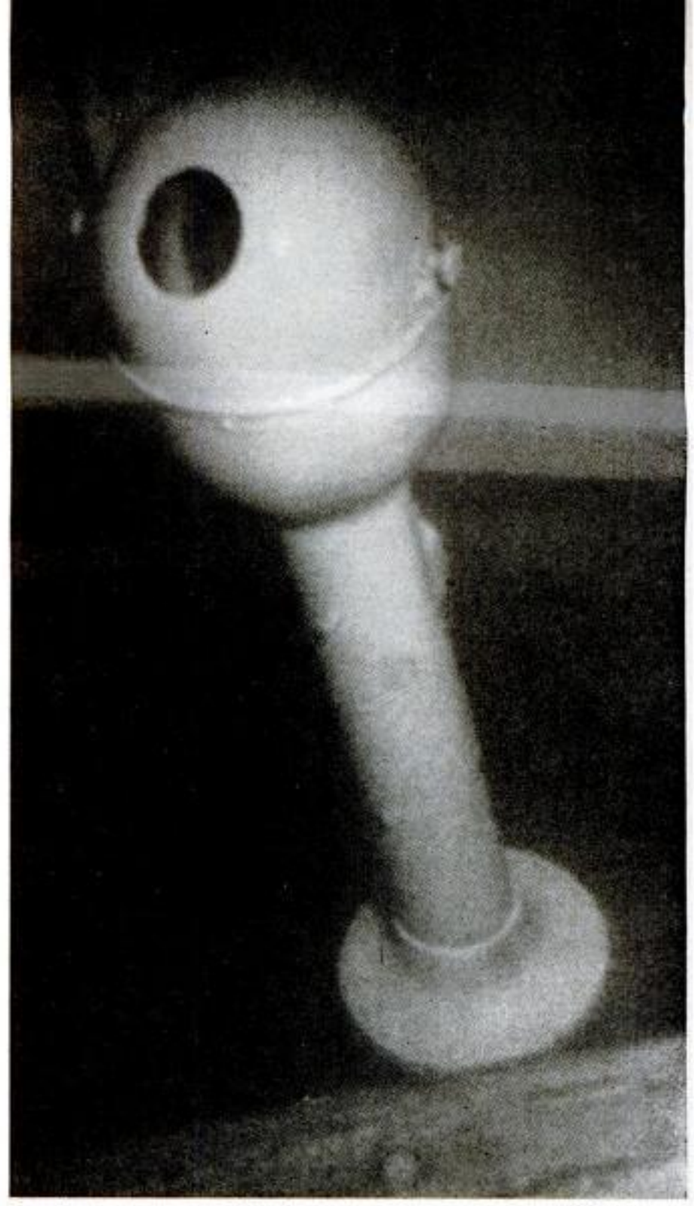
DOWN TO 'DORIA' AGAIN

A year later, divers find it yielding to the sea

A few hours after the great Italian liner *Andrea Doria* sank 53 miles off Nantucket on a fateful July morning in 1956, two daring New Yorkers named Peter Gimbel and Joseph Fox dove to the wreck and photographed it (LIFE, Aug. 6 and 13, 1956). Gimbel went back a month later to photograph it in color (LIFE, Sept. 17, 1956). Recently he decided to visit the *Doria* once more to see what a year at the bottom of the sea had done to the ship.

In the chill (46°) and twilight world 225 feet down, Gimbel and his fellow diver, Ramsey Parks, found the *Doria* alive with schools of fish which swim through its corridors and staterooms. But the wreck itself, which a year earlier had had an unreal look of perfect preservation, is swiftly succumbing to starfish, barnacles and other marine growth, which are softening the crisp outlines and giving familiar objects a new and eerie look (*below*), blurring the proud name (*opposite page*).

Gimbel had planned five or six dives. After two, a terrifying brush with death changed the plan, as Gimbel explains on pages 70, 75.



BINNACLE, shown in LIFE last year (*right*), stood on the *Andrea Doria*'s bridge and housed a remote course indicator for officers on watch on the wing of the bridge. Photographed by Peter Gimbel and Ramsey Parks on their recent dives, the binnacle, hanging almost horizontal in the water, had become the pocked globe shown below. In places its coating of crustaceans and sea moss is an inch thick.

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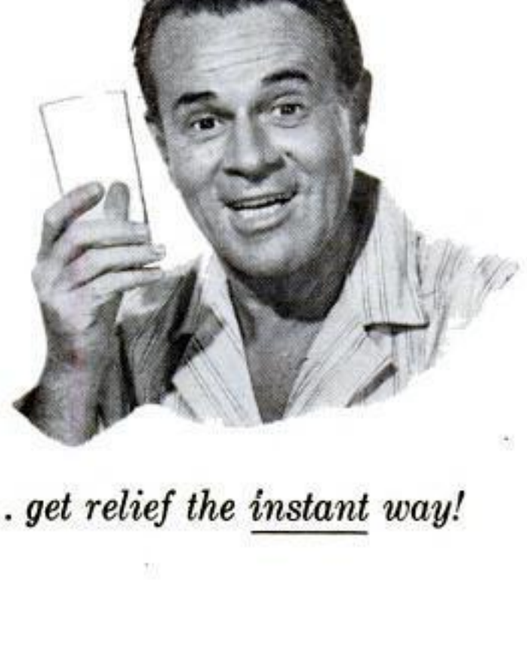
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Amazingly effective alkalizing action! In Fizrin you get a brand-new compound of not one but *two* fast-working alkalizers that are most effective in neutralizing excess stomach acids which cause heartburn, sour stomach, indigestion.

Always pharmacy fresh! Each dose of Fizrin is measured and foil sealed, protected from moist air. Brings you full strength, effectively fresh relief.

Fizzes as you drink! Fizrin dissolves instantly even with cold water, making a refreshing, clean-tasting drink. You're sure to enjoy the fizzing, sparkling Fizrin taste!

Fizrin also brings faster pain relief! Fizrin contains a pain-reliever so effective, so safe doctors everywhere prescribe it. And because of Fizrin's instant fizzing action, this pain reliever gets into your system faster—goes to work faster than any tablet to relieve headaches, muscular aches.



Why wait? . . . get FIZRIN . . . get relief the instant way!

For Stomach Upsets, Headaches, Muscular Pains, Painful Discomforts of Colds

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HAVEN FOR FISH, the *Doria* rests on her side. This photograph was taken by Gimbel as he stood on port windows looking toward stern. Upper deck is to the left; keel is to right. Rectangular windows are those of promenade deck.



PORT SEARCHLIGHT, heavily encrusted, stands on wing of the bridge and has turned down of its own weight. This picture looks aft. Ghostly light from the surface gleams on the curved railing, made of sheet steel, of the bridge.



VIEW FROM FLYING BRIDGE, its railing silhouetted against the light from surface, was made 175 feet down. On the rails, clusters of sea growth are forming. In foreground are wooden gratings which were bridge's flooring.

CONTINUED

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go back
to ordinary
hairdressings!



Suave®
FOR MEN
controls hair
more naturally,
truly greaseless!
Handier to use
in alligator-grain
squeeze flask.
60¢ plus tax. Economy size $1

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New! All the Features of The Finest Watches

The Belforte watch has a *jewelled lever* movement—a feature of all fine watches. It is quality engineered for dependability, beautifully styled in the newest fashion. Belforte offers, for men and women, a varied choice of elegant watches for dress wear, self-winding watches for automatic convenience, shock-resistant waterproofs* for heavy duty service – all guaranteed for a full year, all boxed for gracious giving. As low as $12.95 – no higher than $49.50.†

- JEWELLED MOVEMENT
- STUNNING CASE DESIGNS
- GUARANTEED FULL YEAR
- BEAUTIFUL GIFT BOX

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BELFORTE WATCH COMPANY, INC.
53 West 43d Street, N. Y. 36, N. Y.

TWENTY TERRIBLE SECONDS WITH A MARAUDING SHARK

Here Peter Gimbel narrates the suspenseful ending of his last visit to the Andrea Doria. *The son of department store owner Bernard Gimbel, he works for a Manhattan investment firm and is, at 29, one of the nation's most enterprising skin divers.*

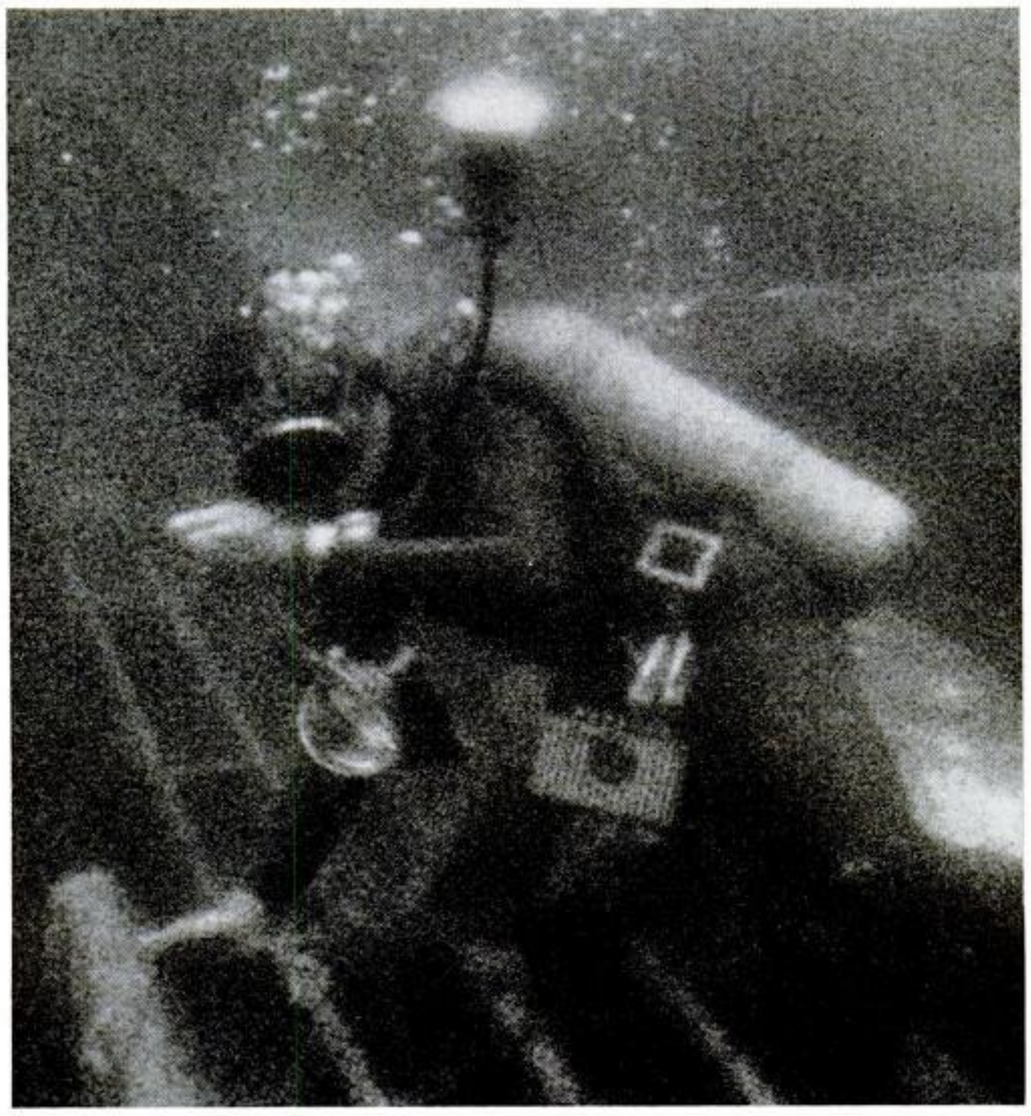
Our second dive to the *Doria* was nearly over. The great mass of the wreck was everywhere, dominating us and all the multitude of life to which she was shelter and host. How very final was her every aspect. Our breathing air, dense from compression (we were at 210 feet, more than seven atmospheres of pressure), made an urgent, screaming noise feeding through the regulator valve behind our necks. It is a rude sound, oddly misplaced and alarming in the inviolate silence of the deep.

As I watched Ramsey Parks I recalled an incident from our first dive, three days earlier. I had seen behind him, 50 feet off, a huge fish. As it turned in profile, I realized it was a mako shark—the largest I had ever seen. His baleful form, seeming to glide without effort, passed 10 feet from us and disappeared into the gloom.

Now, our 15 minutes gone, we had to begin our ascent, swimming easily upward, our tanks more than half empty (a full charge of air in a double tank block weighs 12 pounds). We rose through a gray diffused light and into the warm blue water near the surface. Catching sight of our ship's hull, we swam to it and grabbed the weighted line hanging from the starboard side. We were faced with the tedious prospect of remaining at a depth of 10 feet for 35 minutes of decompression to prevent bends. Because the line was jerking up and down vigorously with the roll of the ship, we passed our cameras up into the boat to leave both hands free for clinging.

A pilot fish had been nosing about for several minutes and of course we were both very much aware of him. These small fish—this one was about five inches long—are jauntily marked with black crossbands and seem to have a perky, nose-in-the-air appearance which their quick, choppy swimming rhythm enhances. They are often seen in the company of sharks or other large fish and are usually leading them, a characteristic so marked that it has given them their name: pilot fish. As we watched the lone specimen, what seemed like a shimmering cloud of these bright little fish—probably 25 or 30—swam toward us out of the sun-soaked blue. There was now no mistaking that this sprightly company was the vanguard of a very big fish.

CONTINUED ON PAGE 75



LOCATING THE WRECK, Gimbel ties nylon line, suspended from a buoy at surface, to railing of bridge to help them find their way on subsequent dive.

Sore, aching muscles?



Here's quick relief when "doing-it-yourself" makes muscles cry for help—

Next time weekend chores make overexercised muscles say ouch, rub on Absorbine Jr. and feel it go to work *instantly.*

You feel a warm glow as massaging with Absorbine Jr. stimulates local circulation, helps counter the pressure that makes muscles throb and ache.

Absorbine Jr. is famous for the wonderful relief it has given hundreds of sufferers. (Letters in our files tell us so.)

Buy Absorbine Jr. today. Not greasy, not sticky, it rubs in all the way! Guaranteed satisfaction or money will be refunded.

Guaranteed by Good Housekeeping — Replacement or a refund of money if not as advertised therein

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GRAVY MASTER
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THERE'S NO GRAVY LIKE HOME MADE

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SPECIAL PROCESS • PRE-TENSIONED
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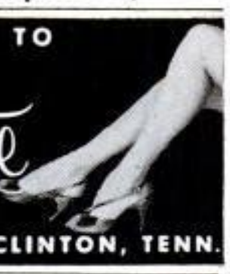
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Fiber glass sets for beginners from $4.75. Pulling weights up to 80 lbs. for advanced archers. Hunting sets $22.50. The Super "Crest" $55.00. Every YORK bow is a *tillered* bow. See your sporting goods dealer.

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TIME TO CHANGE TO
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GOOD NEWS FOR ALL LAXATIVE USERS!

Now, your constipation need not be a problem, or interfere with normal activities. Here's help toward your normal regularity—in the gentle way nature wants.

Take gentle-acting Ex-Lax at night. It won't disturb sleep. Next morning, enjoy the closest thing to natural action. Gentle Ex-Lax continues to help you toward your normal regularity. Seldom, if ever, is it needed next day. Get the modern laxative more families use . . . chocolated **Ex-Lax.**

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New!

Motor Oil with Thermostatic Action

Adjusts automatically to protect your engine at every temperature!

Between morning and night your car's engine soars through temperature changes of more than 100 degrees. That's why, for proper engine protection, you need the new thermostatic motor oil—X-100® Premium.

Starting: Engine's cold. For quick starts you need a light, easy-flowing oil. X-100 Premium acts as a *light oil*. You get full power fast!

'Round town: Your engine warms up slowly during short-trip driving. X-100 Premium adjusts to this new temperature condition . . . acts as a *medium-grade oil*.

On the turnpike: At highway speeds your engine really begins to heat up. X-100 Premium adjusts once more . . . acts as a *heavy oil* that resists thinning out under heat.

To complete the picture of perfect protection, X-100 Premium stops cold sludge. It keeps valve lifters from sticking. And by its alkaline action, it prevents acid action—major cause of engine wear.

It's 3 Grades of Motor Oil in One

For the finest engine care, switch to X-100 Premium

SHELL

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"Haven't been stuck once in the

says cab fleet owner Gera

"In my business, winter is a mighty busy season with a lot of profit potential," says Gerald Mihulka.

"And that's why I depend on Goodyear's famous Suburbanites . . . they've kept my cab fleet rolling through four rough Michigan winters! And now that Goodyear has come out with the *new, improved* 3-T Custom Suburbanite, my cabs are even more sure-footed than before.

"The new Goodyear 3-T Custom Suburbanite is quieter on clear roads . . . wears better on bare pavement. And its improved tread, with wide, deep-digging traction cleats and thousands of tiny traction teeth, really 'grabs' on snow and ice."

So take it from the man who depends on them for his living—3-T Custom Suburbanites are the finest winter tires. They're available at your Goodyear dealer's now in black or white sidewall; tubeless or tube-type; triple-tempered 3-T Nylon or 3-T Rayon Cord. Goodyear, Akron 16, Ohio.



IT'S ALWAYS "FARE WEATHER" in Traverse City, Michigan . . . even when a heavy snowfall gives it the look of a ghost town. Goodyear's triple-tempered 3-T Custom Suburbanites cut through that thick white blanket . . . actually put snow to work



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The winter tire that actu

New 3-T Custo

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our winters I've used Suburbanites!"

d Mihulka, Traverse City, Michigan



to take Mihulka's cabs where they have to go—safely, surely and on time. And for slippery going, the completely "tractionized" tread claws into ice or hard-packed snow to give his cabs up to 55% more traction.



NEW "TRACTIONIZED" TREAD, with thousands of tiny traction teeth in deep-digging, wide, traction cleats really claws into snow, "grabs" more surely on ice. You get up to 55% more traction for safer winter driving.



QUIETER RIDE PLUS LONGER WEAR. New, wide, riding tread ribs give a quieter ride on bare pavement. Improved tread compounds, plus a 3-T Cord body, give up to an extra season of wear for most motorists.

TIRES THAN ON ANY OTHER KIND!

ally puts snow to work!

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YEAR

Suburbanite, T. M., The Goodyear Tire & Rubber Company, Akron, Ohio



Look for this nearby Goodyear dealer sign for better tire values . . . better tire care . . . convenient credit terms. And ask about Goodyear's Lifetime Guarantee.

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"Any treat stops a trick...
as long as it's from Post Treat-Pak"





NEATEST TRICK OF THIS OR ANY SEASON, her favorite snack cereal right from Post Treat-Pak. Six servings of the sweetest, eatingest cereals ever put in individual boxes—especially for children. Sugar Crisp, Sugar Rice Krinkles and Post Raisin Bran—try 'em!

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Post

The Breakfast Foods of General Foods

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He swam into sight immediately—a shark. He was about 10 to 12 feet long and a species I could identify only generally as belonging to the voracious requiem family. He was pale gray above, white below. His head was broad and rather flat, his mouth large and well forward. Full-bodied and sleek, he was beautiful in his dreadful perfection.

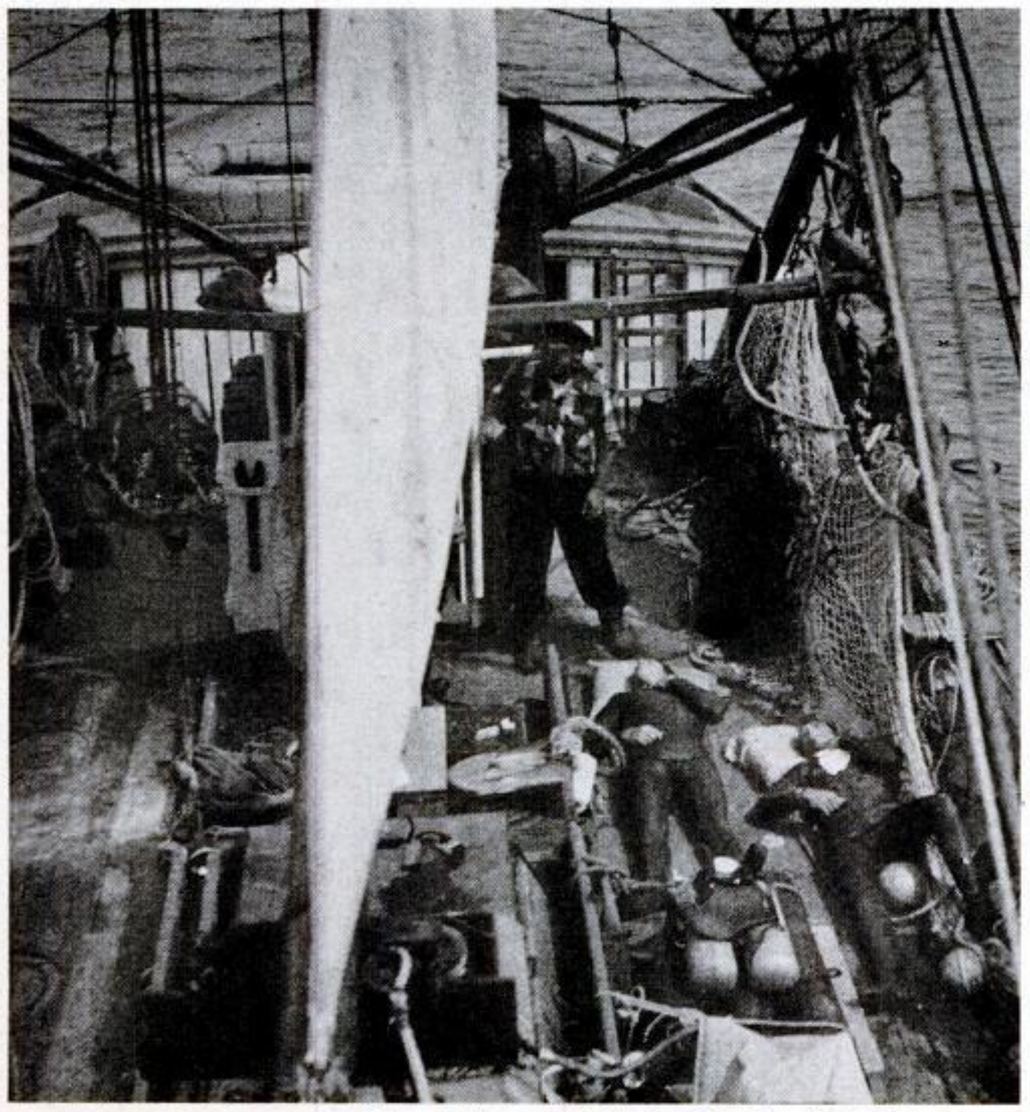
The shark lashed by us once, his rhythm agitated and swift. Excited by our nearness to the surface where, ironically, so many sea creatures meet their end, the shark was aggressively interested. We were still 20 minutes shy of our full decompression requirement and we were, quite obviously, in trouble. I drew my knife self-consciously. While recognizing the peril, I felt myself a monumental ham, and even hid the blade from Ramsey who was a few feet above and behind me. (Ramsey later told me he had drawn his own knife with precisely the same feeling of ridiculous melodrama as I.)

I turned to look at Ramsey and all the foolishness was gone. His gaze was directed toward me with a terrible intensity. His knife was moving downward, pointing not at, but rather through me. I turned. The shark's head, wide as my shoulders, was 18 inches from my belly. He was coming in straight and very slowly, as they often do on their initial strike. I suddenly saw the whole scene, brilliant and unreal, as if I were only a spectator: just behind and above me, Ramsey in his defensive pose, knife ready, with the great rounded hull of the ship at his back; the shark and I motionless at the instant before action, and the clear surface water of the sea setting it all in silver-bright blue.

I touched the point of my blade to the shark's head, just at the midline above the upper jaw and below the overhang of the broad snout. There is a school of thought that one should never take the offensive against a shark, for fear of enraging it. I sensed strongly that the shark's aggressiveness had left us no choice. I drove the blade straight and hard and felt it strike home handle-deep. I withdrew it immediately. For a long, terrible moment nothing seemed to happen—nothing at all. Then the shark swung his head violently to the right and abruptly reversing his direction swam off at great speed. No more than 20 seconds had passed since we first saw him.

Ramsey and I looked at each other in alarm and simultaneously signaled to board ship. The shark's brain had not been damaged, to judge by his well-coordinated power as he departed, and we felt certain he would be back—more than likely with other sharks.

We scrambled onto the ship, helped aboard by the crew who had watched the whole encounter. Safely on deck, we sprawled out. We had no recompression chamber on board which would have permitted us to leave the water directly after our dive. So we lay there perfectly still, hoping to forestall bends by keeping our blood and body fluids as quiet as possible. For 40 minutes we kept motionless, talking quietly. Then, very slowly, we eased ourselves into sitting positions, and waited. Finally, we stood up and took a few shaky steps. There was no trouble. We were all right.



SAFELY BACK ON DECK, but in danger of the bends after their decompression time was cut short by the shark, Gimbel (*left*) and Parks lie motionless.



sniff it...



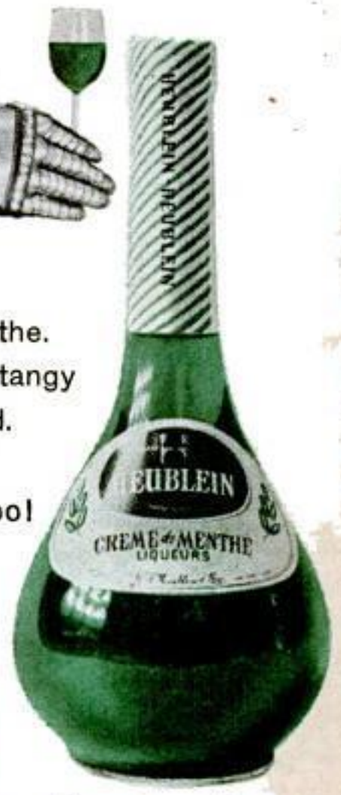
sip it...



savor it...

You'll marvel at the mintiness of Heublein's Creme de Menthe. Connoisseurs said that no one had ever captured the full tangy flavor of the mint so completely before. They were amazed. You'll be delighted. Try it tonight—straight, on-the-rocks or frappéd. You'll appreciate the modest domestic price, too!

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the cordials that amazed the taste-testers

CREME DE MENTHE, 54 PROOF · BLACKBERRY FLAVORED BRANDY, 70 PROOF
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SAVE 20¢ on large jar during Chase & Sanborn's "Coffee Jackpot Special"

You don't have to be lucky to hit this jackpot. Just wise enough to pick up a large jar of Instant Chase & Sanborn *now!* You'll save 20¢ . . . but most important, you'll meet the kind of coffee you never thought you'd find in instant form.

Instant Chase & Sanborn is roasted, brewed and ground to perfection. That's why every cup is a *Flavor Break!* Introduce yourself to the full-bodied coffee during this Coffee Jackpot Special. There's a wealth of savings on every large jar . . . a world of flavor in every cup.



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FLAVOR BREAK



INSTANT CHASE & SANBORN —the full-bodied coffee

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DR. BÉLA SCHICK attends baby sick with pneumonia at Beth-El Hospital in Brooklyn.

"Perhaps the sick children suffer, but a doctor must not allow himself to become obsessed with the idea. Most of them are going to get well. They spring back like plants."

Medical Legend Still Going Strong

"YOU see, I'm not just a scratch on the arm!" This is Dr. Béla Schick's standard reply to the customary looks of amazement he gets from people in and out of the medical world who are sure the famous immunologist has been dead at least 20 years. Their surprise is understandable. The doctor's major medical discoveries, such as his "scratch on the arm" Schick Test which helped obliterate diphtheria as a major child-killer, were made nearly half a century ago.

Dr. Schick is 80 today and still an active medical man. He lectures at the Albert Einstein College of Medicine in New York, consults regularly at two hospitals and is exploring new aspects of pediatrics, the medical field in which he was the first great practitioner. He is currently investigating the causes of premature birth, a subject in which he has a personal interest, for he himself barely survived a premature birth.

An Austrian, Béla Schick studied medicine in

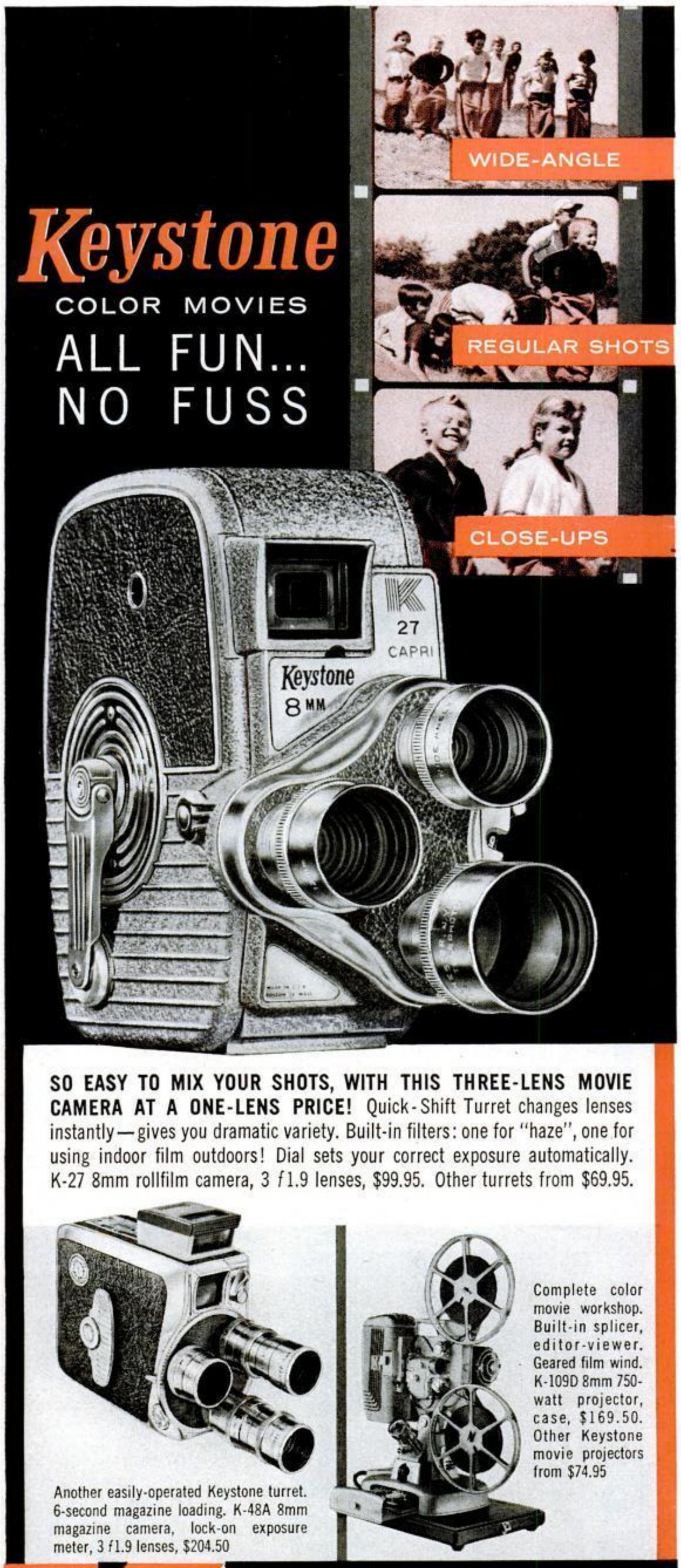
CONTINUED



AS VISITING professor at Albert Einstein College of Medicine, Dr. Schick, with Dr. Henry Barnett (*left*), head of the pediatrics department, hears a tumor case described.

"There's always something more to learn in medicine. The best way is through clinical examination. We learn what to do and how to do it. And this way I am always in contact with living matter."

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SO EASY TO MIX YOUR SHOTS, WITH THIS THREE-LENS MOVIE CAMERA AT A ONE-LENS PRICE! Quick-Shift Turret changes lenses instantly—gives you dramatic variety. Built-in filters: one for "haze", one for using indoor film outdoors! Dial sets your correct exposure automatically. K-27 8mm rollfilm camera, 3 *f*1.9 lenses, $99.95. Other turrets from $69.95.

Another easily-operated Keystone turret. 6-second magazine loading. K-48A 8mm magazine camera, lock-on exposure meter, 3 *f*1.9 lenses, $204.50

Complete color movie workshop. Built-in splicer, editor-viewer. Geared film wind. K-109D 8mm 750-watt projector, case, $169.50. Other Keystone movie projectors from $74.95

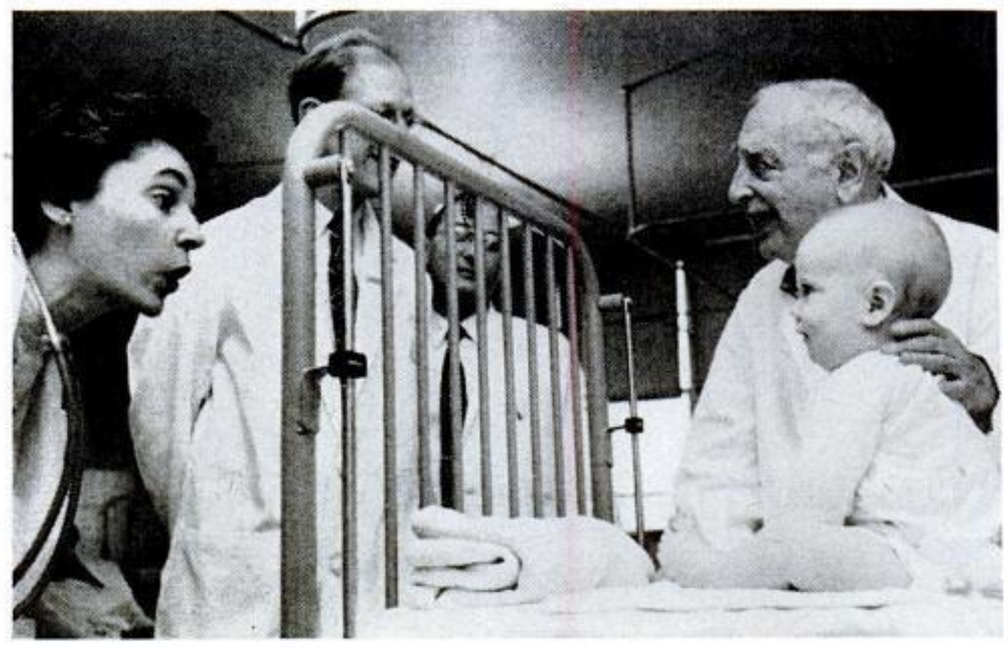
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See your dealer's wide selection of Keystone movie cameras, projectors, slide-show projectors. He offers expert guidance — easy budget terms! Free booklet, write Dept. 7-4, Keystone Camera Co., Inc., Boston 24, Mass. Prices slightly higher in Canada © 1957

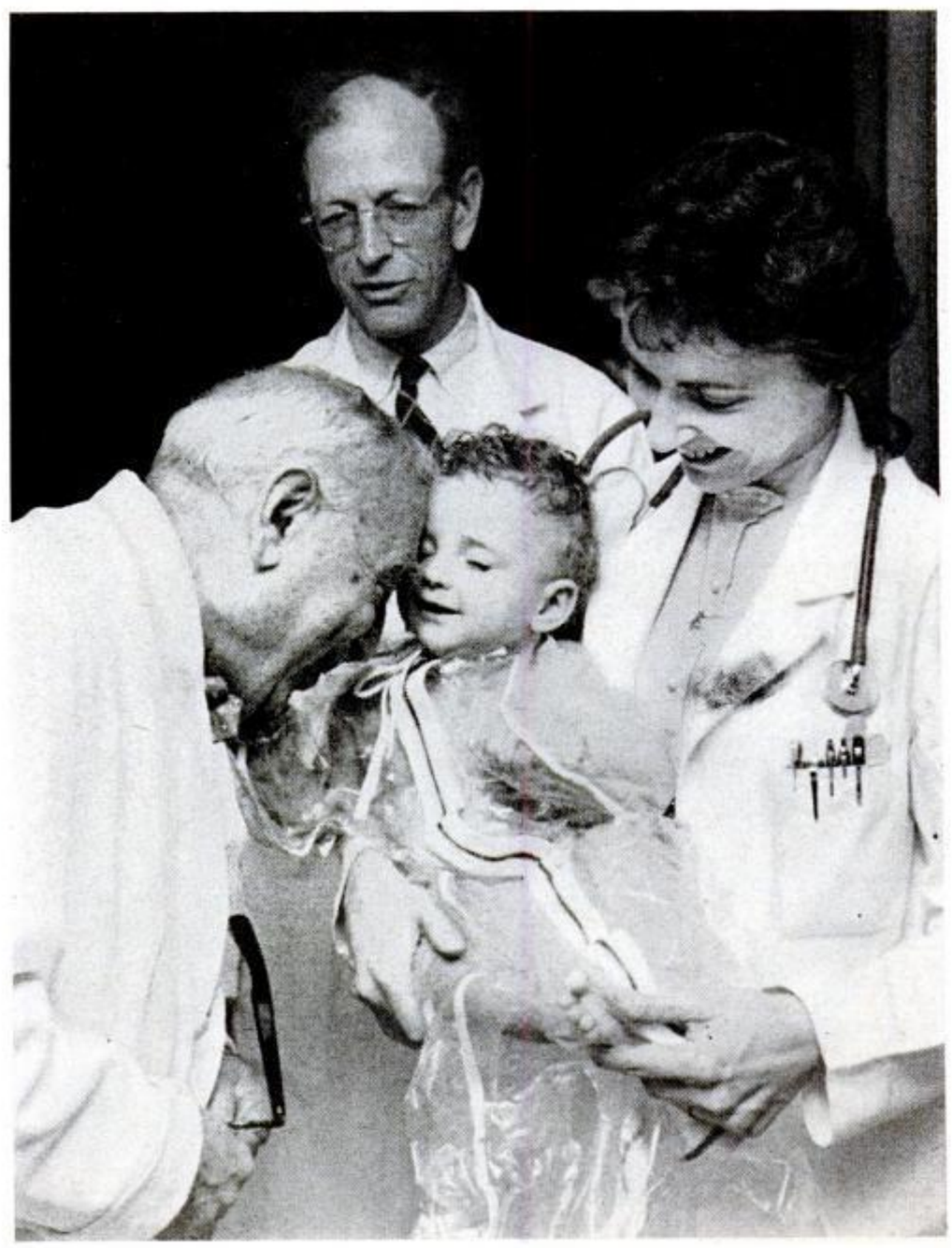
Graz and entered the famous Vienna Children's Clinic in 1902. In 1905 he published, with Dr. von Pirquet, the historical treatise, *Serum Sickness*, which laid the groundwork for the new science of allergy. This led not only to the now-classic tuberculin test for TB but indirectly, in 1913, to his own Schick Test to determine susceptibility to diphtheria. Ten years later, when he was director of pediatrics in a New York hospital, American children in a drive comparable to the Salk vaccine campaign wore buttons that read, "I am Schicked! Are you?"

Dr. Schick's current work on premature birth leads him to believe it may be caused by some allergy, and he hopes he has time to check his theory. "At my birth," he says, "my grandmother didn't think it worth the trouble to save me. She may have been right. I was born too early. I should start again."



WITH Assistant Resident Dr. Frida Caplansky and Pediatrician Lewis Fraad, Schick makes semi-weekly rounds (*above and below*) at Bronx Municipal Hospital Center.

"When a little child is admitted to a hospital it's bad psychology to put him to bed and right off start sticking him with things. Doctors ought to wait a bit till the child is a little accustomed. It's a rare child that won't cry when his mother leaves him."



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NORGE 2-SPEED WASHER

WITH AUTOMATIC LINT-OUT Dispenser Wheel



Pre-load Dispenser Wheel when you load washer!

Adds Conditioner to Rinse For Up to 39% Cleaner Clothes

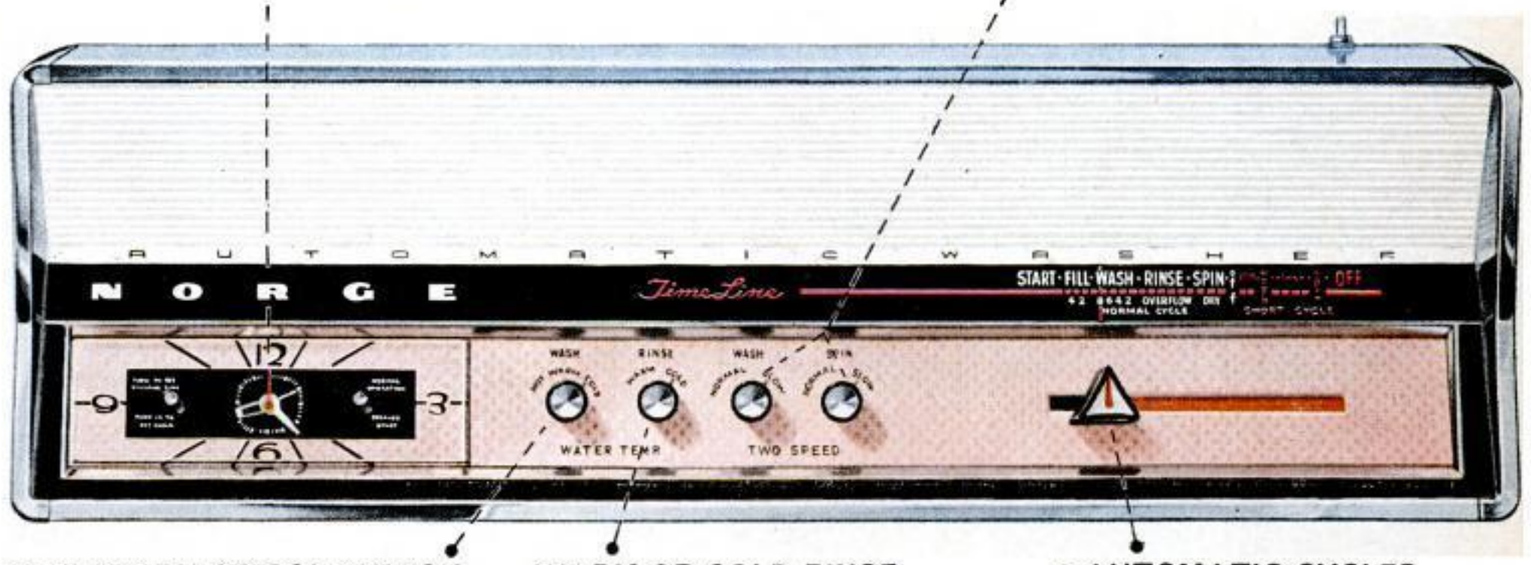
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- No More Yellow—No More Gray
- Whiter Brighter Nylons
- Main Cause of Diaper Rash Eliminated

Dispenser Wheel adds Calgon conditioner to the rinse water automatically. Lint can't cling to clothes because it's suspended in this magic water and floated right out of the tub during overflow rinse. No messy filters to clean or clog. Dulling soap film is banished completely. Everything comes out softer, fluffier, cleaner than ever before.



New! ROUND-THE-CLOCK TIMER LETS YOU WASH WHILE YOU SLEEP!
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NORMAL for regular wash
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HOT, WARM OR COLD WASH
Take your choice, to meet special demands for all fabrics...save hot water!

WARM OR COLD RINSE
Gives you right temperature for every fabric. Saves more hot water!

2 AUTOMATIC CYCLES
Normal for regular wash. *Short* for partial or lightly-soiled loads.



MATCHING LAUNDRY PAIR

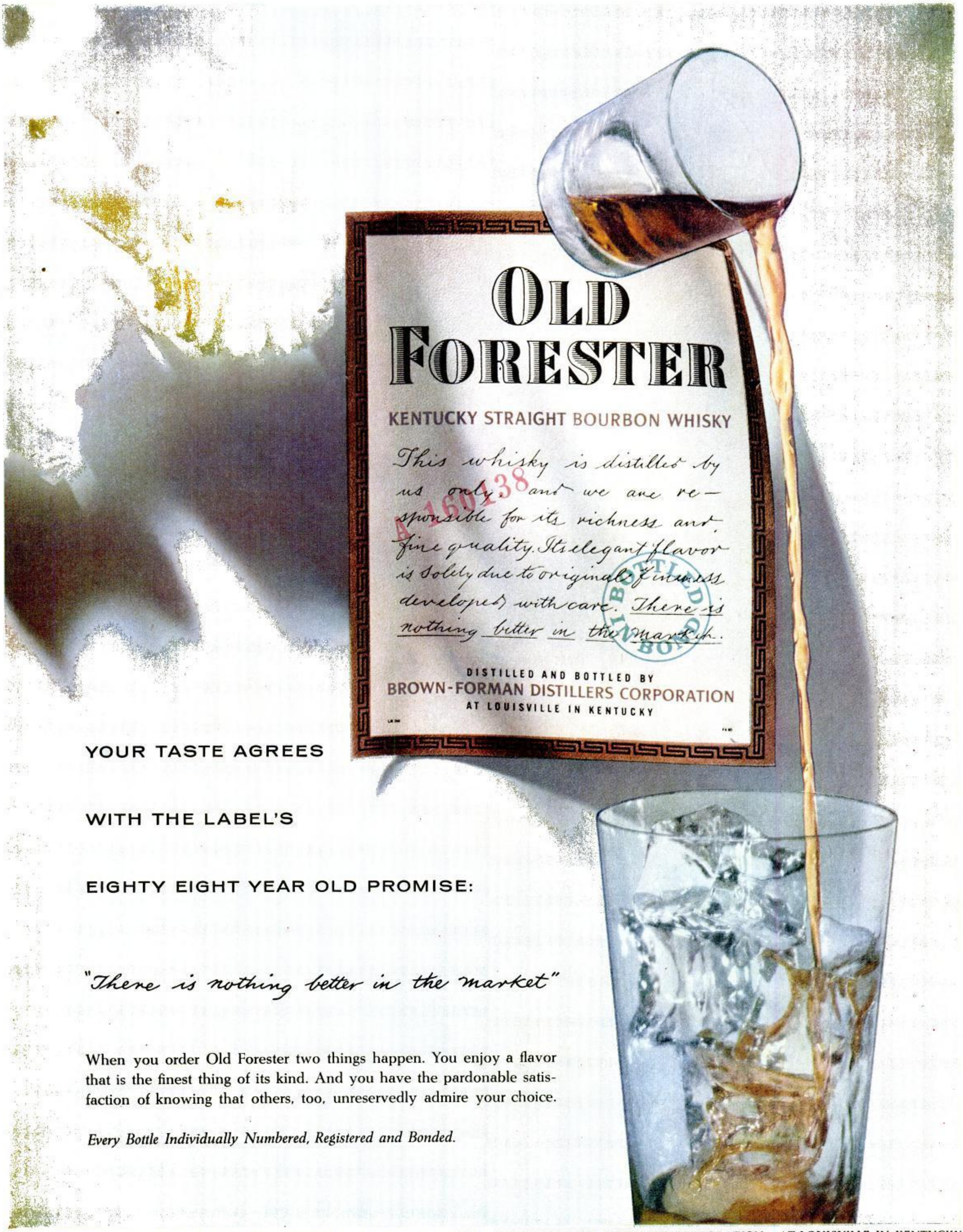
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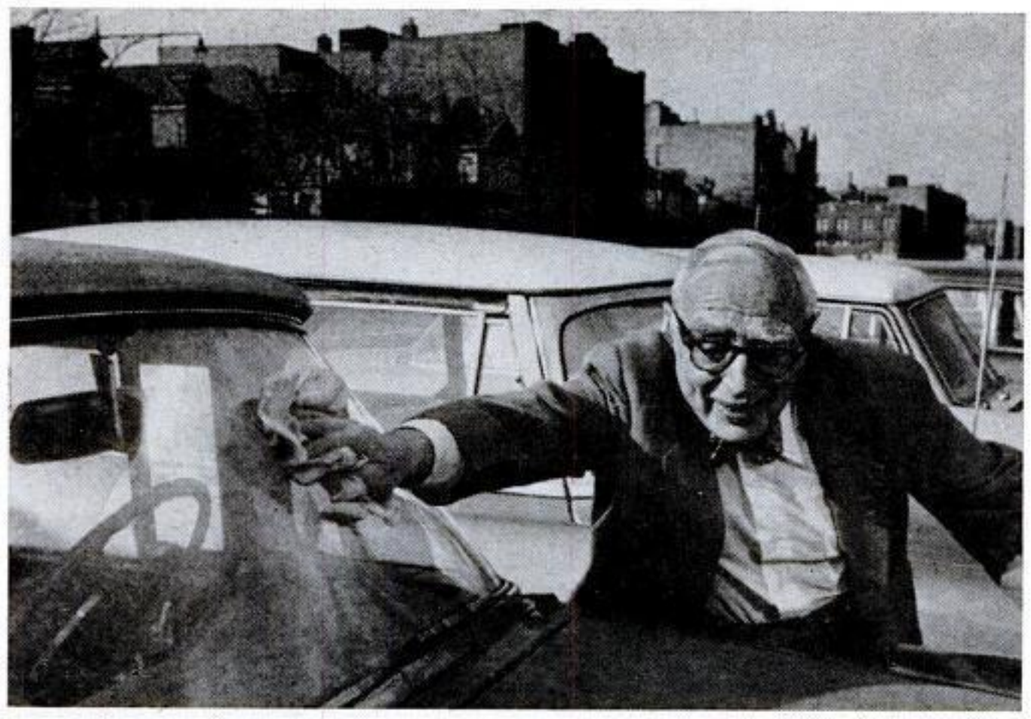
"There is nothing better in the market"

When you order Old Forester two things happen. You enjoy a flavor that is the finest thing of its kind. And you have the pardonable satisfaction of knowing that others, too, unreservedly admire your choice.

Every Bottle Individually Numbered, Registered and Bonded.

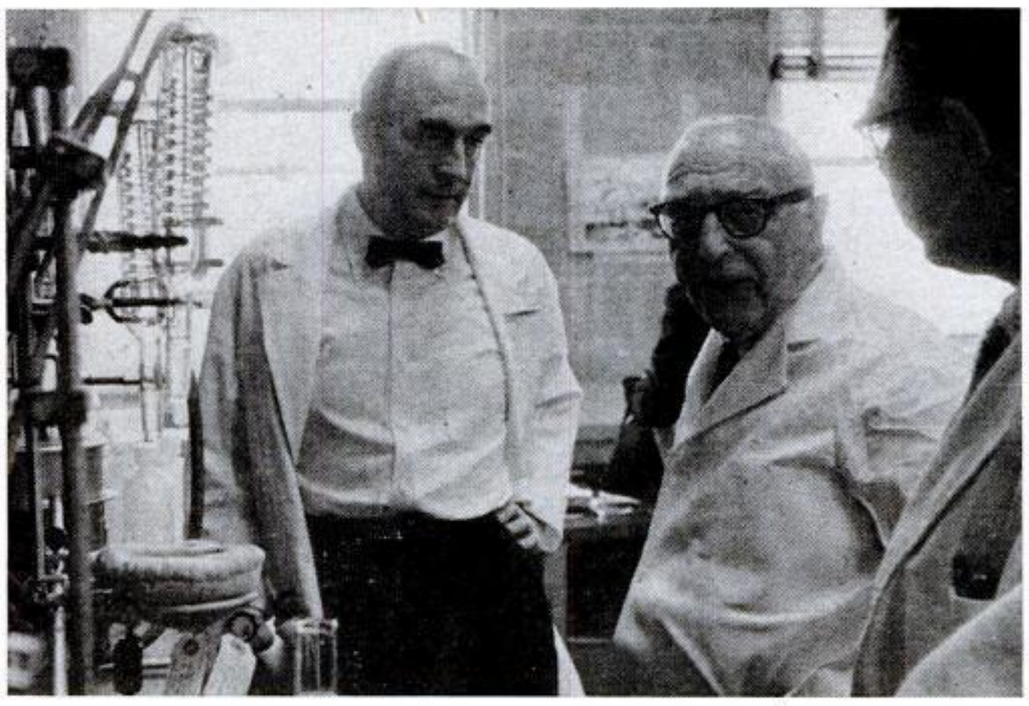
KENTUCKY STRAIGHT BOURBON WHISKY • BOTTLED IN BOND • 100 PROOF • BROWN-FORMAN DISTILLERS CORPORATION • AT LOUISVILLE IN KENTUCKY

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DR. SCHICK wipes windshield of car before going to hospital. Besides consulting, he still keeps private practice.

"I'm a bum driver—reflexes too slow. My wife drives me everywhere. She has a law degree but gave up being a very active lawyer to become my chauffeur."



IN LABORATORY of new $500,000 Béla Schick Pediatrics Department at Albert Einstein College he admires equipment.

"When I first went to the Clinic in Vienna there was no laboratory. Now things have to be so grand! Sometimes even there is too much emphasis on lab analysis."



SECOND-YEAR students in microbiology and immunology get the annual lecture from Dr. Schick on the Schick Test.

"Practitioners are not so interested in ideas as results. They want to cure patients and not hear theories. Fortunately for myself, I like not only patients but also theories."

CONTINUED

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accents the male look



Give your favorite male a Kaywoodie Pipe

—the gift he'll enjoy with business wear, sports wear, leisure wear—everywhere.

He'll appreciate the handsome, dense grain — patiently hand-rubbed to accent its natural beauty. He'll savor the sweet, cool smoke of exclusive Kaywoodie briar. He'll relish the dry, easy draw; marvel at the exclusive Drinkless Fitment that screens moisture, tars and other irritants.

He'll relax too, easing those tensions so injurious to good health. Learning to relax the Kaywoodie way could add years to his life.

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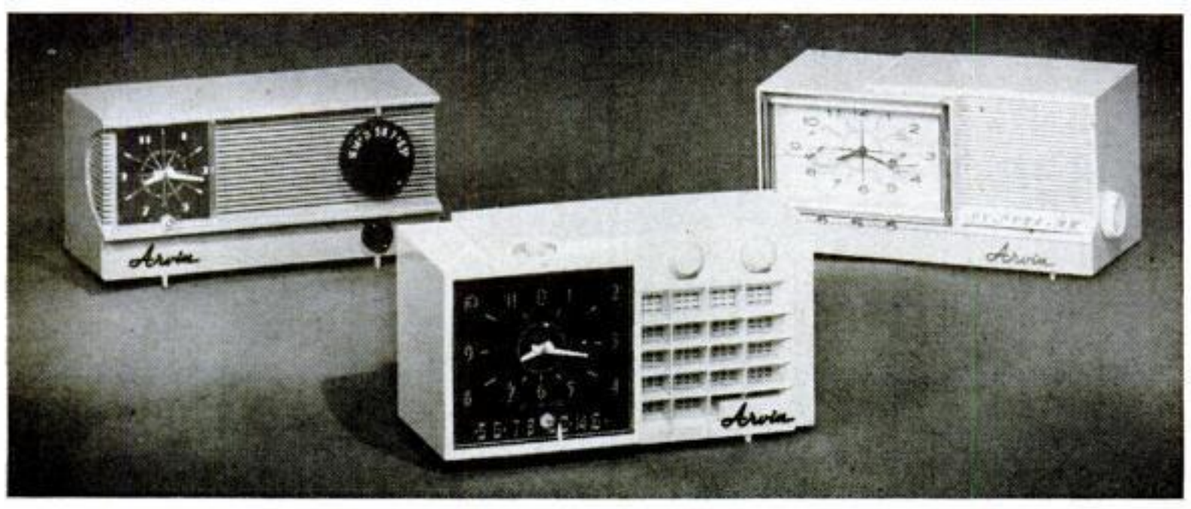
VELVET VOICE CLOCK RADIO

Slip into sleep to soothing melodies . . . wake to bright morning music or news—and the zestful aroma of coffee perking automatically! Follow-up buzzer alarm guards you against drowsing off.

An Arvin clock radio will serve you superbly at sleep-time, wake-time—and any other time. Luxury-equipped with 5 tubes including rectifier, printed wiring, Arvin's famous Velvet Voice tone. Shown above is Arvin Model 5572, with automatic "on-off" and alarm set, accurate clock timer and 1100-watt electric appliance outlet. Choice of flame or charcoal colors, $34.95. Send for illustrated folder, Dept. RI5-710.

Other wonderful, colorful Arvin clock radios—$29.95 to $44.95

Left to right: Model 5571, $29.95; Model 5561, $39.95; Model 5578, $44.95; each in a choice of two decorator colors. Prices slightly higher far West and South. Also a wide selection of all-transistor portables, 3-way portables, and table models.



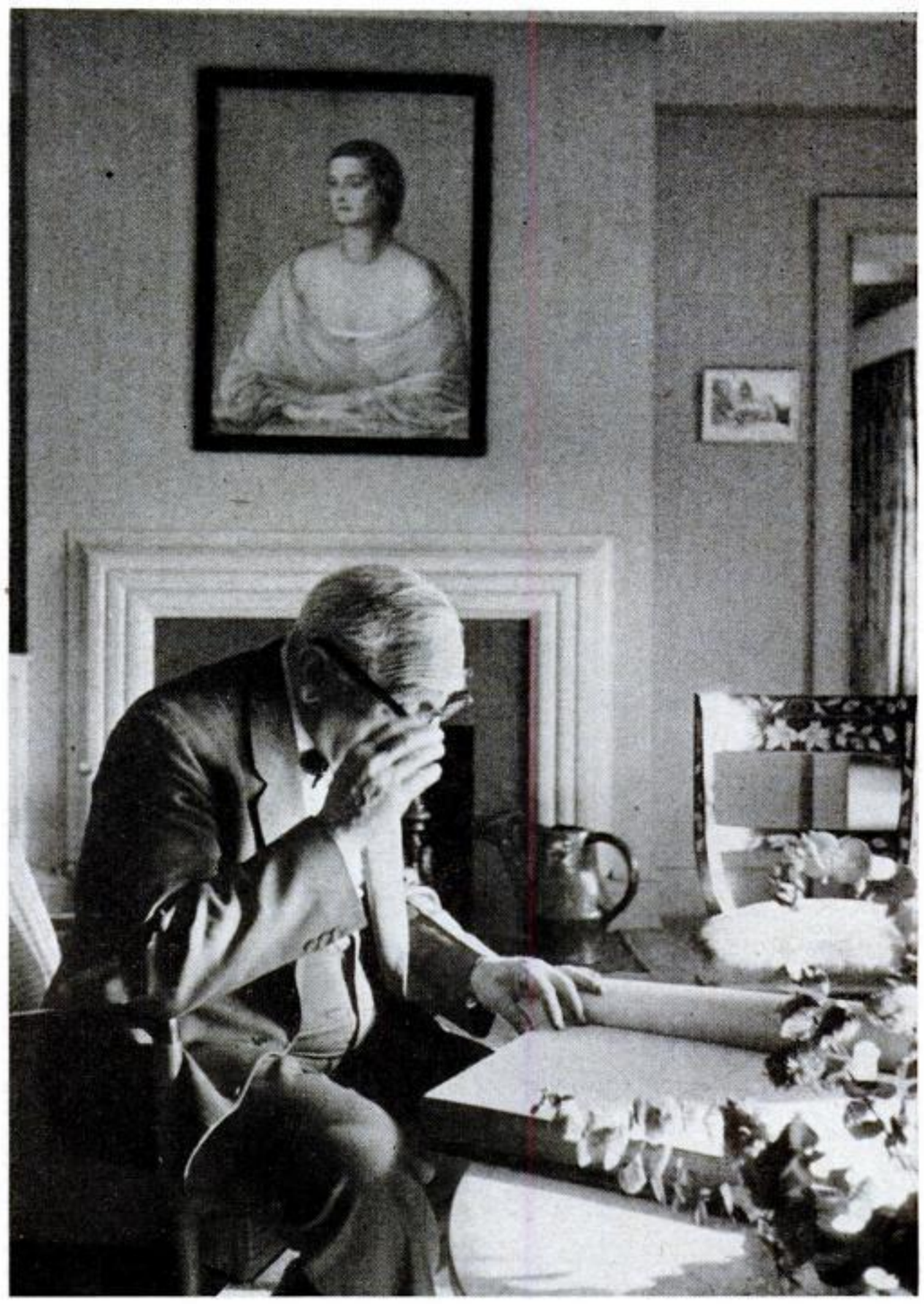
Arvin INDUSTRIES, Inc., COLUMBUS, INDIANA

Arvin also manufactures Electric Heaters, Electric Fans, Car Heaters, All-Metal Ironing Tables, Leisure Furniture and "Charky" Grills.



SCHICK sits at home with his wife Cathy. She had an active law practice when they were married in 1925.

"Like so many pediatricians, I never had children of my own. Who knows why? Being with children so much makes it easier for me, and then I read in the paper about delinquency and I think perhaps we're better off. But not really. Still, many children must have developed an immunity to delinquency because so many of them grow up into nice adults."



SCHICK looks over a treasured possession—album signed by one million New York children and presented in 1933 as a memento of his campaign to wipe out diphtheria.

"Nowadays, there are so few cases of diphtheria we have to teach it from text-books. All babies get inoculated in their first year and even booster shots for older children are often automatic. But my test is still the accepted way of proving that the inoculation is effective."

CONTINUED

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You'll see why when you check the protective features this 7-point economy package offers

Buy your new car with monthly payments on the COMMERCIAL CREDIT PLAN. This 7-point plan* is a complete protective package available at a substantial saving compared to the cost if bought separately. That's because a number of the services come to you at low group rates. You enjoy these benefits: (1) Collision and Comprehensive Automobile Insurance (2) Towing and Road Service (3) Credit Life Insurance (4) Personal Accident and Hospitalization Insurance (5) Bail Bond Protection (6) Over 300 Emergency Credit Offices (7) Availability of Nationwide Insurance Adjustment Service.

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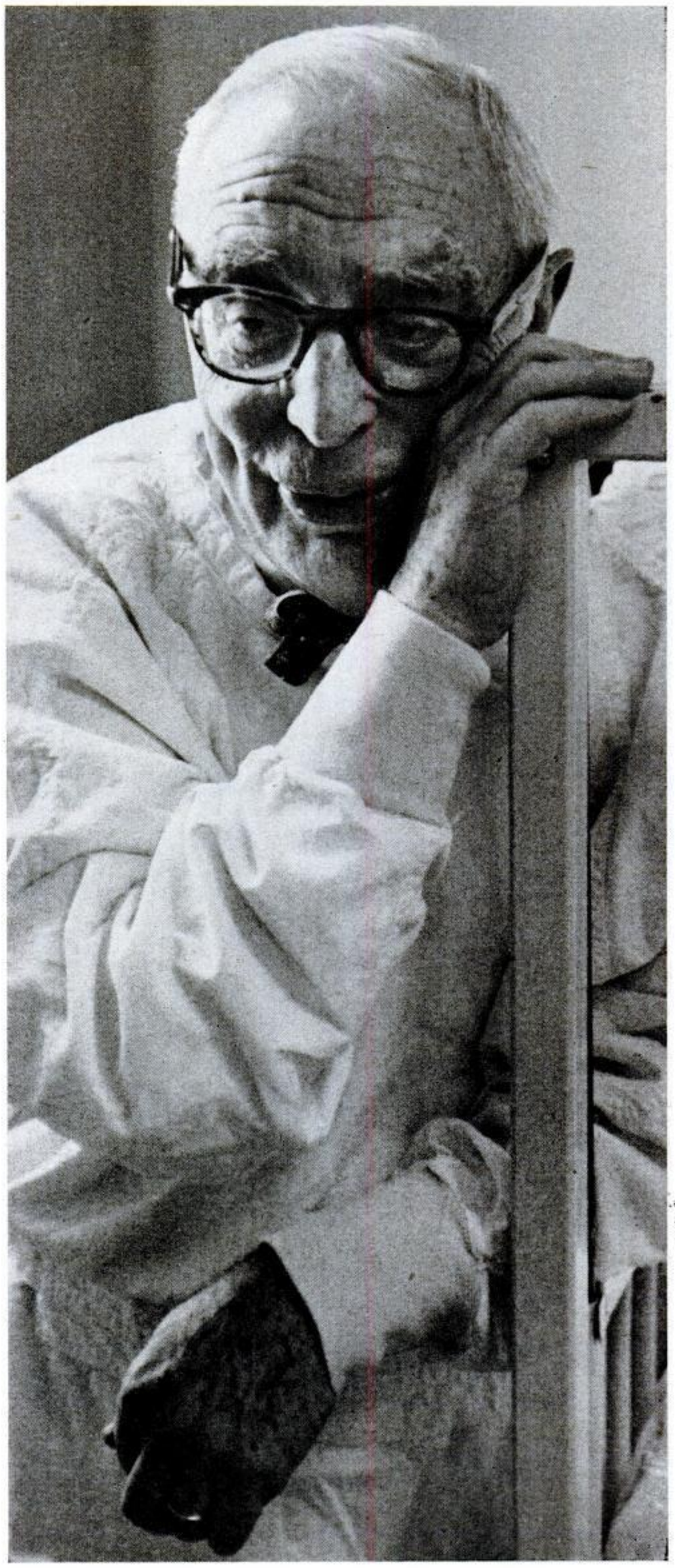
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DRESS BY RUDOLF, HAT BY MR. JOHN

'It helps to be a little childish yourself'



LEANING on a crib in a hospital children's ward, Béla Schick philosophizes on his long life as a doctor and scientist.

"*Naturally I am impressed by the injustice when a beautiful child suffers and dies, but in pediatrics one can ease the suffering and prevent the dying. It's not like the old days when there was an invisible motto on the clinic wall, 'Abandon hope all ye that enter here.' I can't imagine my ever wanting to be anything but a pediatrician. Contact with young people keeps you young. In fact, to be a good pediatrician it helps to be a little childish yourself.*"

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The world sends you nothing more Elegant than IMPORTED O.F.C.

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Ghostly American Legends

THE EARLY TALES DIE HARD EVEN IN THIS SKEPTICAL AGE

Photographed for LIFE by NINA LEEN

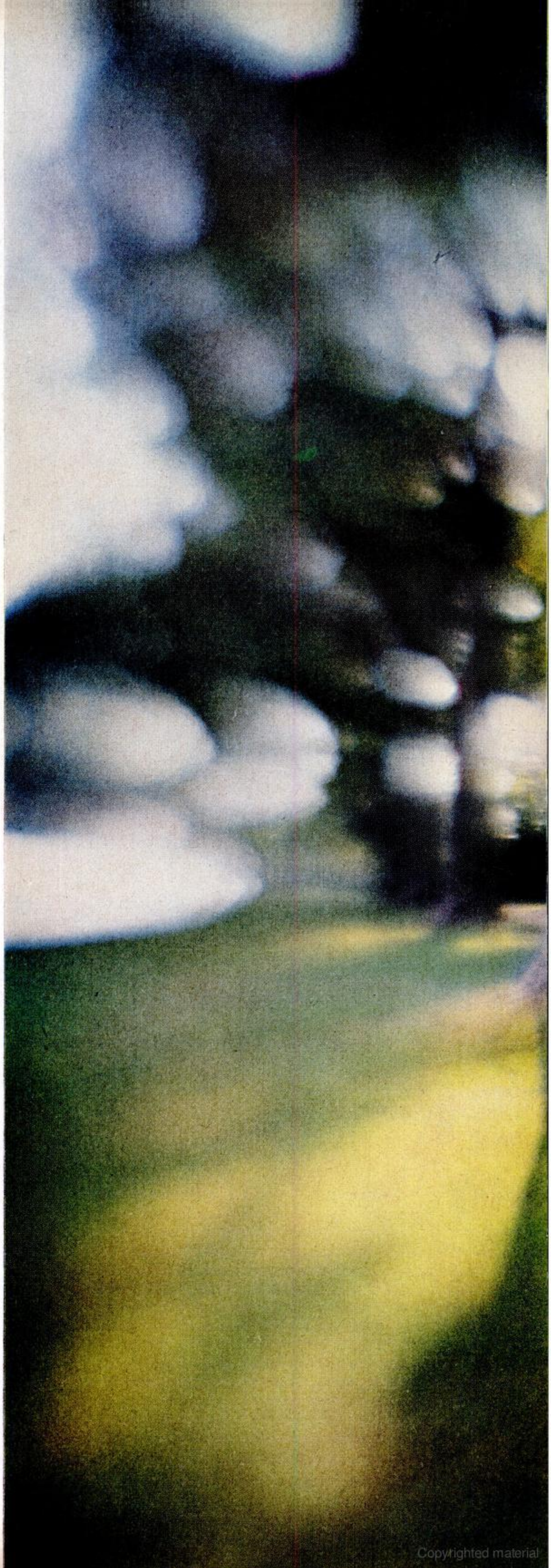
With the moon-drenched nights of autumn and the coming of Halloween, a whole host of ghostly figures of hobgoblins and witches on broomsticks will be aprowl. They are creatures born of legend and nourished by imagination. All ghosts are—perhaps. Yet men throughout history have believed in true ghosts, in the spirits of real individuals come back from the grave to haunt, harass or to help the living. The ghosts of England (LIFE, Sept. 22, 1947) are a cherished family heritage. The native ghosts of the U.S. are less famous than their Old World, other-world counterparts. But there are a surprising number of them and they make up a colorful and diverse group.

Most American ghosts were born in the simpler past of colonial or frontier days. Even in today's scientific age their stories, like the ghosts themselves, die hard. From the annals of unearthly Americana, nine of the most fascinating stories were selected. At their sites Miss Leen caught the haunted and haunting atmosphere which might make any man, having heard the creaks and seen the eerie moving lights and shadows, believe that ghosts still walk.

A LOVELORN LASS

Westover, the stately and serene mansion on the James River, is a landmark of pre-Revolutionary Virginia and also the home of one of America's most persistent and pleasant ghosts. From his mansion in 1717 William Byrd took his lovely daughter Evelyn to England to be educated and presented at court. There Evelyn fell hopelessly in love with a nobleman, possibly the Earl of Peterborough, a man many years her senior. Byrd sternly forbade the match and brought Evelyn home. Her beloved Westover became a prison. Rejecting all other suitors, she briefly lived and at 29 died of a broken heart.

Before she died she told a friend that if she could she would return, never to frighten anyone but only to see Westover. The families who have lived in Westover since insist Evelyn kept her word. Over the years she has appeared often, radiant, seemingly corporeal, always clearly a woman. Frequently she has been mistaken for a real woman seen at a distance. Just recently, says Westover's present owner, Mrs. Bruce Fisher, someone saw Evelyn again, strolling in the garden with a friend.



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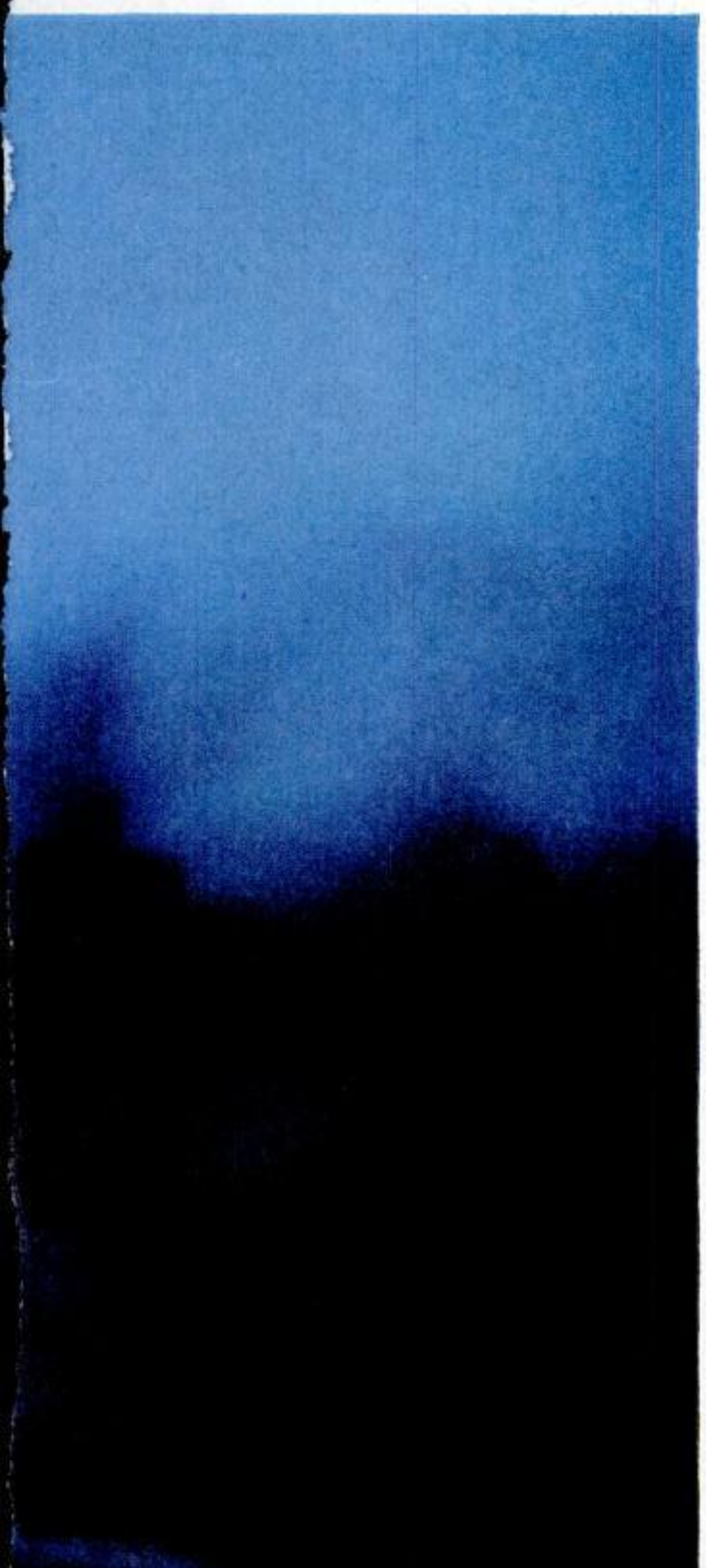
THE BALDWIN LIGHTS

The tale is told by oldtimers on the Atlantic Coast Line Railroad. One night in 1867 a train became uncoupled near the Maco, N.C. station. Conductor Joe Baldwin, his lantern in his hand, stood between cars to work the couplings. The cars moved and he was decapitated.

Not long after, a lantern was seen—though no men were—hovering over the tracks near the station and over the wooden trestle spanning Hood's Creek not far away. The light kept reappearing. "It seemed to be weaving along," recalled a veteran railroader, "directly over the tracks at a height of three feet. Then it described an arc and landed in a swamp beside the track." More than once engineers have halted their trains at the trestle, thinking the lights to be those of an oncoming train.

But, oldtimers explain, the lantern is only

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Joe Baldwin's head searching for his body. Often there have been two lanterns, as there are in this picture (one at the far end of the trestle, the other below the trestle). This is Joe's head and his body, so the story goes, each doomed to search vainly and eternally for the other.

AN IRASCIBLE OLD AUNT

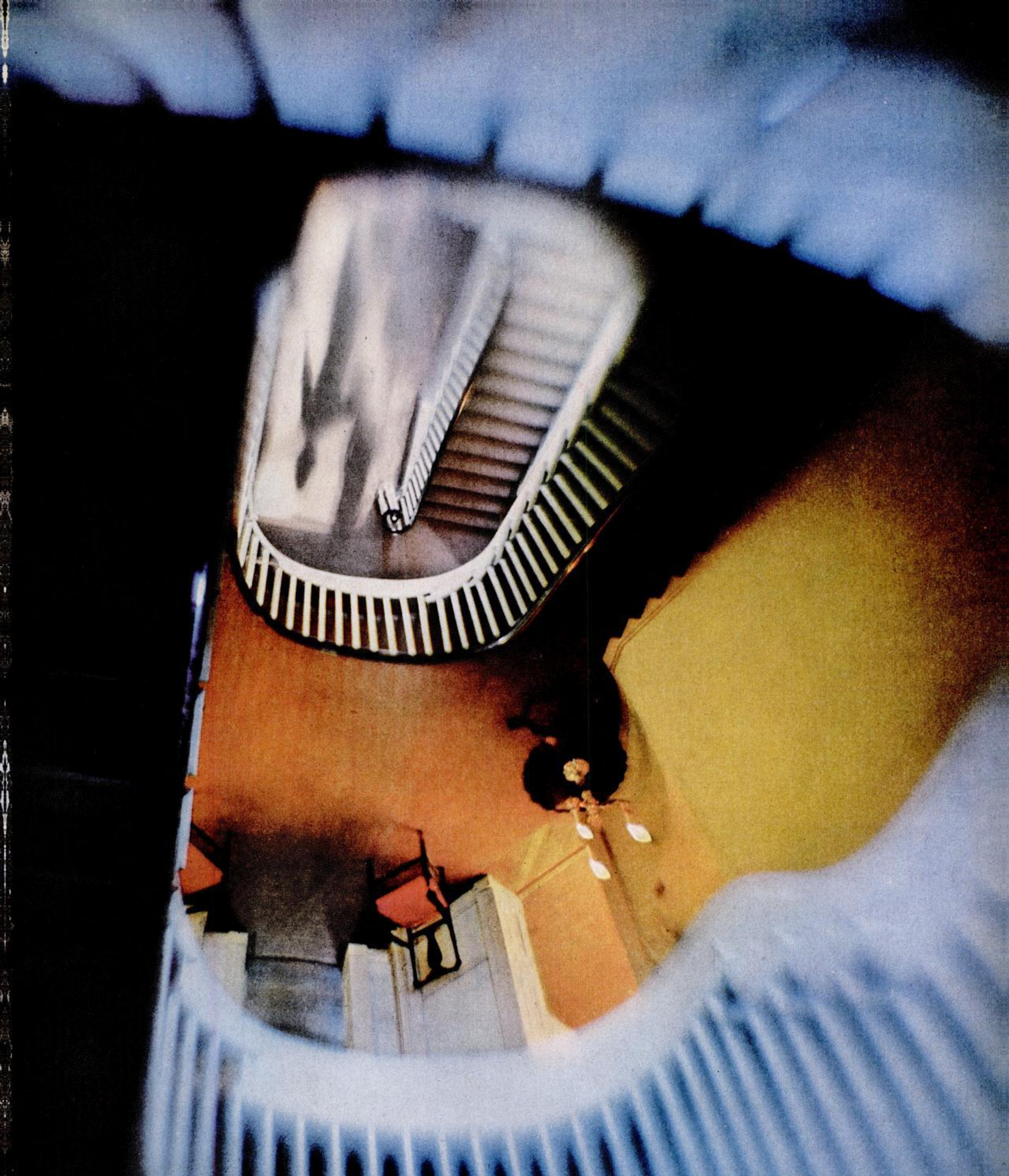
In life, Harriet Douglas Cruger of Herkimer County, N.Y. was a headstrong woman who built her home in the style of a Scottish castle. To vent her hot temper she was always slamming doors. Once, peeved at her husband, she had their double bed sawed in half. She left orders that she was to be buried in a stone sarcophagus in the basement. Instead her heirs in 1870 buried her in a cemetery and used the sarcophagus for a horse trough.

Soon the heirs got their first hint that death had not cooled Aunt Harriet's hot temper: the stone sarcophagus was smashed by lightning. Today her portrait (*by candlelight at the right*) gazes at the present heirs who use the castle as a summer house. At night heavy doors slam and the great organ, with which Aunt Harriet used to rouse guests at dawn, groans even with no human hands at the keyboard—where now Mrs. Theodore Douglas Robinson (*below*), Aunt Harriet's great-grandniece, plays. While Miss Leen was at the house, she and her hostess found a fine figurine inexplicably smashed.





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A CRY OF DEATH

Colonel John Tayloe completed his Octagon House in Washington in 1800. It is still a landmark, now headquarters of the American Institute of Architects. One of the colonel's daughters ran away with a stranger and returned, seeking forgiveness. The colonel refused it and the girl threw herself from the third floor balustrade. Over the years residents have sometimes heard at night the shriek of a woman falling to her death and on the ground floor is a spot, crossed in this picture by a woman's shadow, where visitors, it has been observed, unconsciously refuse to step.

OMINOUS HOOFBEATS

One nightfall, nearly a century ago, a milk-white horse, riderless and unbridled in the moonlight, galloped past Cliff House, a lovely mansion above a valley near Hendersonville, N.C. Within hours the patriarch of the family died. Thereafter, as long as the family was at Cliff House, the white horse appeared each time that someone died. Later occupants reported seeing or hearing the horse, but it brought no ill tidings to other families. Today Cliff House stands empty and silent, and a white horse crossing the lawn evokes only echoing hoofbeats along the valley.

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THE BELL WITCH OF TENNESSEE

An old witch in the Tennessee hills had only one aim in afterlife: to haunt and harass a prosperous farmer named John Bell and his daughter Betsy. She first arrived—as a shrill laugh only—in 1817.

Without ever saying why, the witch slapped John Bell, pulled off his shoes, punched his nose and cursed him incessantly. Eventually she did him in, substituting a poisonous "dark vial of smoky liquid" for his regular medicine. At his burial she compounded her villainy by singing rowdy songs.

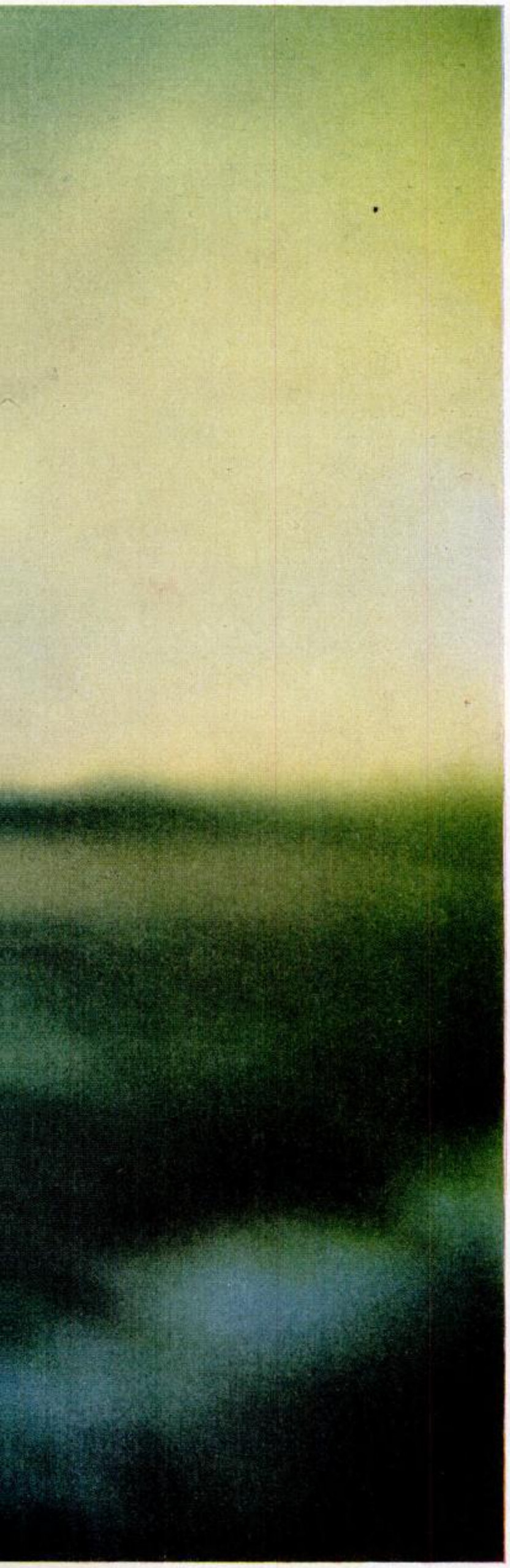
Stories of the Bell witch attracted no less a figure than Andrew Jackson, a friend of the family, who visited the Bell farm to see proof of her powers. The witch obliged, halting the visitor's wagon in a field (*below*). The visitor tugged and even regreased the wheels, but neither horses nor wagon moved until the disembodied voice said, "Go ahead now, General." "By the eternal," Old Hickory is said to have



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said, "this is worse than fighting the British."

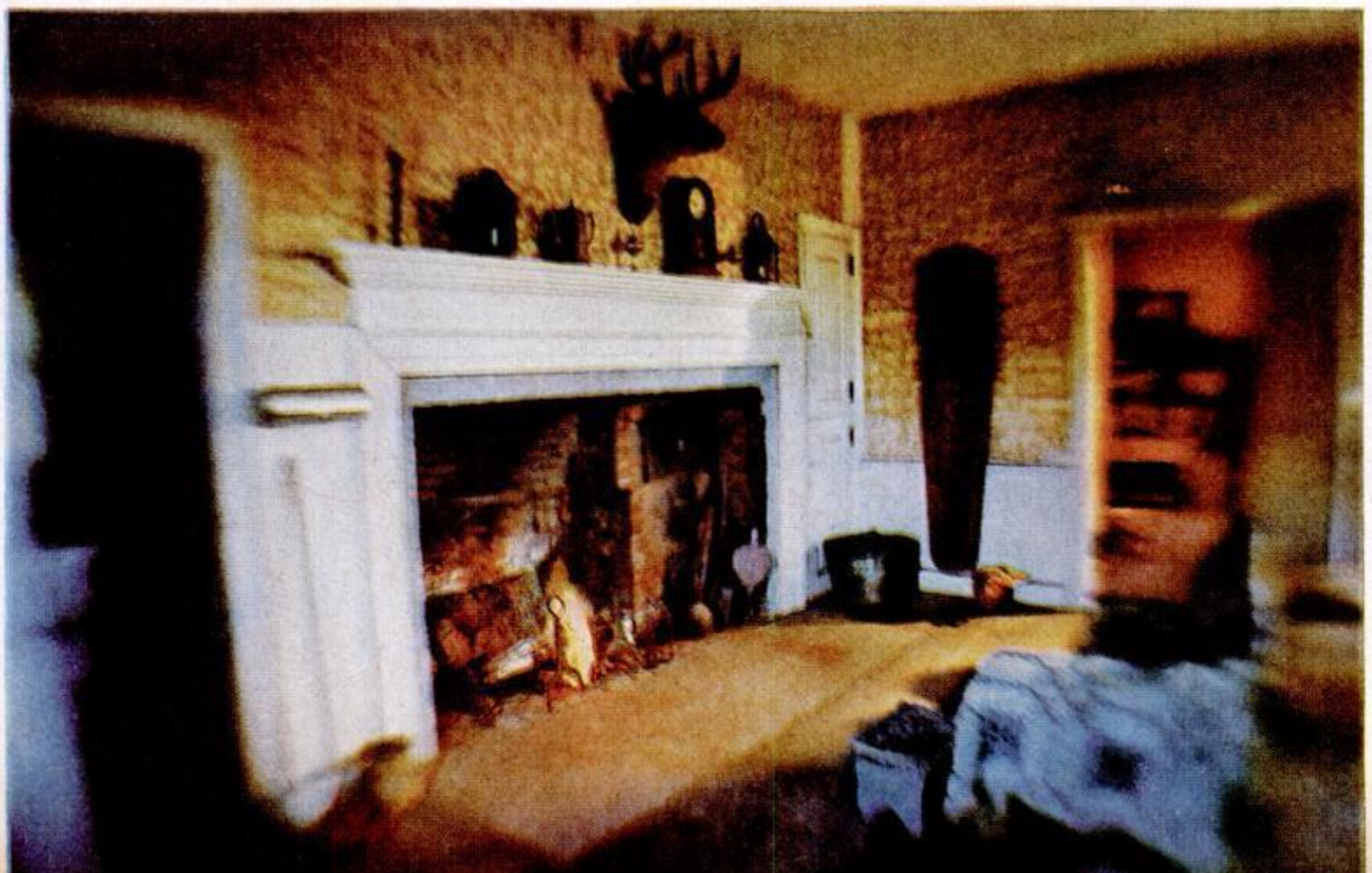
The witch was seen only once, appearing to Betsy as an old woman standing by a tree near the house, like the one at the right. The witch warned her not to marry the man she loved. Betsy did not, but later married another man, lived happily and died, peacefully, at 96.



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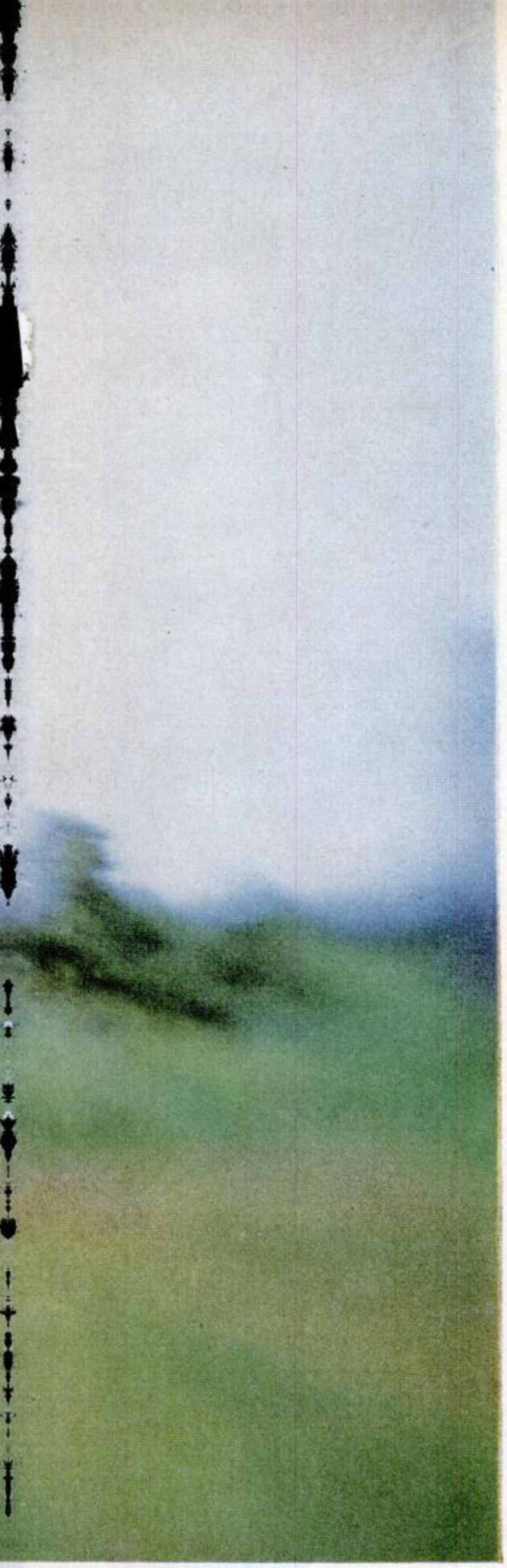


A PIRATE'S

In 1720 pirates intercepted a shipload of immigrants bound for the U.S. Don Pedro, the pirate captain, was about to have all on board walk the plank when he heard the cry of a newborn baby. He offered, says the old legend, to spare all hands if the baby, a girl, were named Mary after his mother.

The baby was named Mary. She came to Henniker, N.H., grew up, was married and widowed. Then a mysterious man named Don Pedro came to town and built a fine house (*above*). He invited Mary and her children to live there and take care of him. All lived happily until Don Pedro was found stabbed with a pirate's cutlass. Mary lived in the house until her death in 1814.

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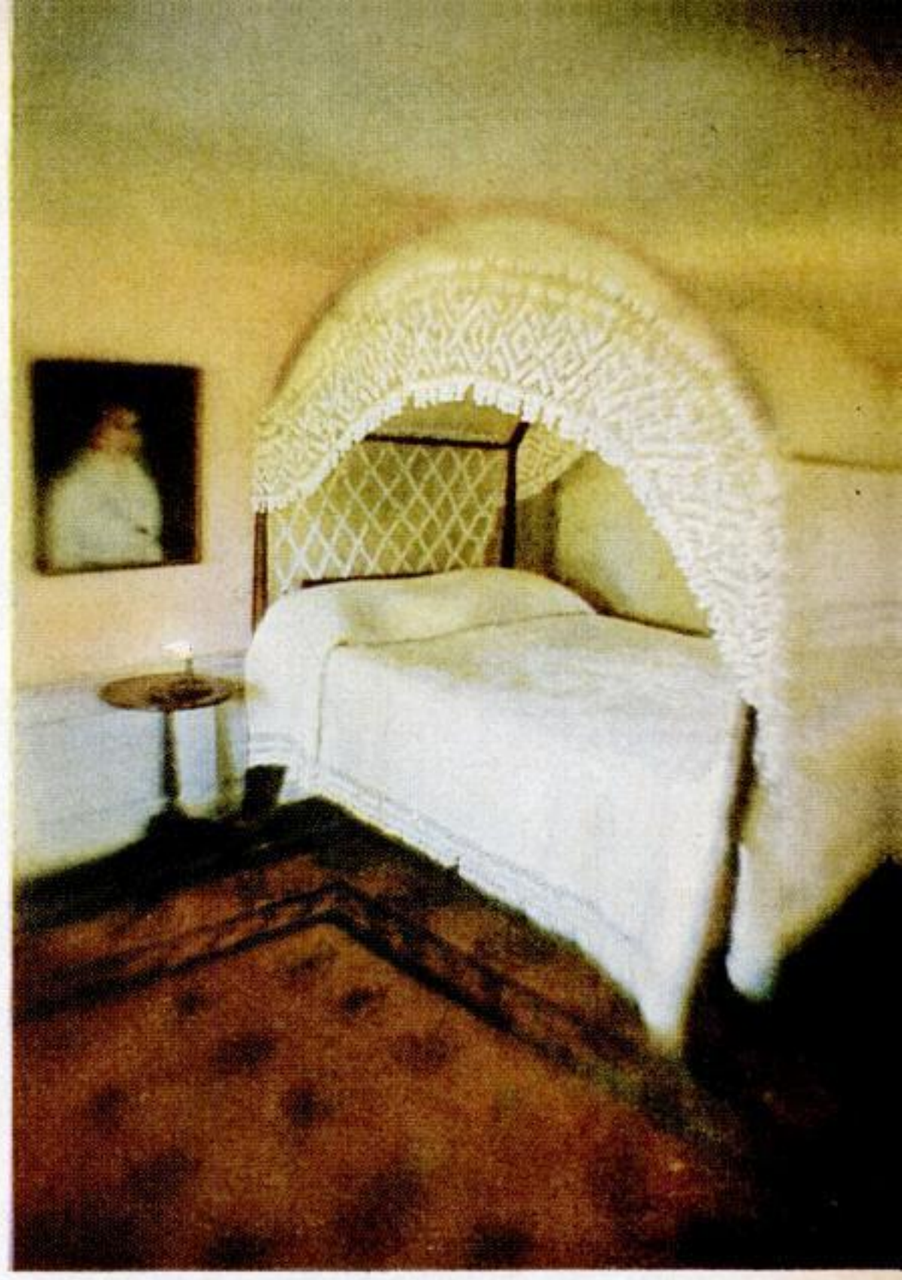
GHOSTLY LEGENDS CONTINUED

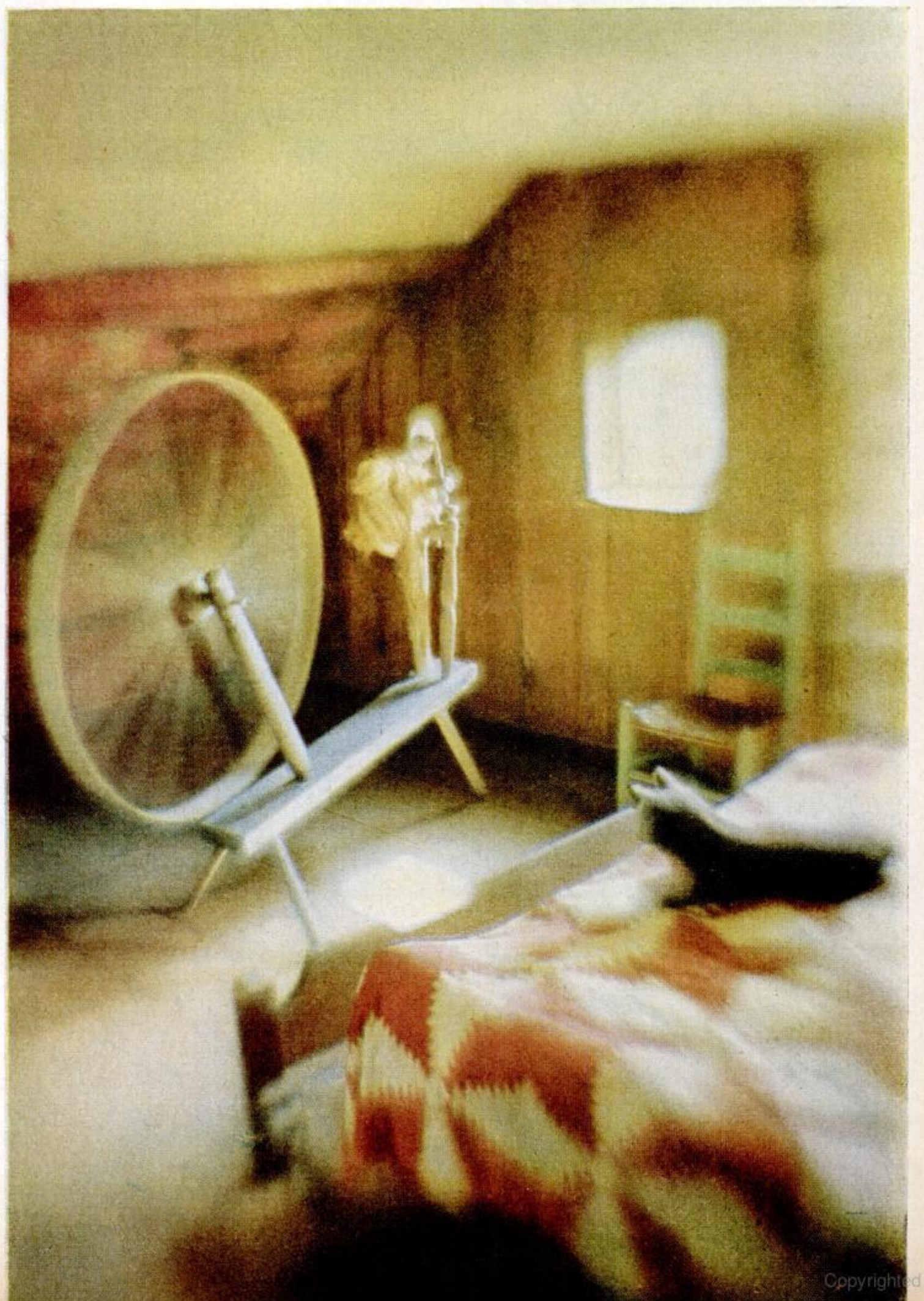
THE WELCOME GUEST

Like an amiable and welcome—if unbidden—guest, Elizabeth Porter, dead nearly 150 years, calls often at Forty Acres, her long-ago home still owned by her family in Hadley, Mass.

Her light tread is heard going upstairs and an old four-poster bed (*right*) shows the impress of her frail body. Even when the sheets are smoothed, the marks return. Often, toward dawn, the whirring of her spinning wheel is heard. Children in the family were told it was only squirrels or a cat playing, but the adults always knew better. Sometimes the children have awakened to find a small white-capped figure bending tenderly over them.

When they had lived only briefly at Forty Acres, Elizabeth's father went off to the French and Indian War and was killed. All the rest of her life she grieved for him and in death, her descendants believe, she returns to the house in which they had once been happy together.





CARETAKER

Now, they say, Ocean-born Mary returns often to the house, her red hair and green eyes unmistakable. Strange lights gleam in the house, perhaps as Mary revisits the great stone slab at the hearth (*left*) beneath which Don Pedro is believed to be buried.

To Louis Roy, who lives in Mary's house now, she is more than myth. Nineteen times, he says, she has saved him from death. During the great hurricane of 1938, he was trapped outside the house as trees crashed about him. He made his way back to the house and there his mother told him she had seen Ocean Mary moving behind him, arms raised protectingly. Having got him safely to the house, she vanished.

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BY MOONLIGHT BURNED

It was on the night of the first full summer moon in 1672 that Alice Van Veer went strolling with her suitor, a young man whom, like all the others, her father had forbade her to see. As the couple sat beside Hans Groot's Kill in Schenectady, the father crept up behind them and shot her lover dead. As Alice and her father fled, townsmen pursued them. They caught the father and burned him alive. Alice was captured not far off and she too was tied to a tree in a grove of oaks beside the Kill and burned.

The Kill is now part of the campus of Union College, and the area is the school's lovely gardens (*above*), where latter-day couples stroll of a moonlit night. And there are still those who say that when the moon is full, the ghost of Alice can be seen near an old burned pine where the oaks were and in the air can be sensed a pungent, lingering smell of smoke.

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holds 40% more ink...yet never goes near an ink bottle



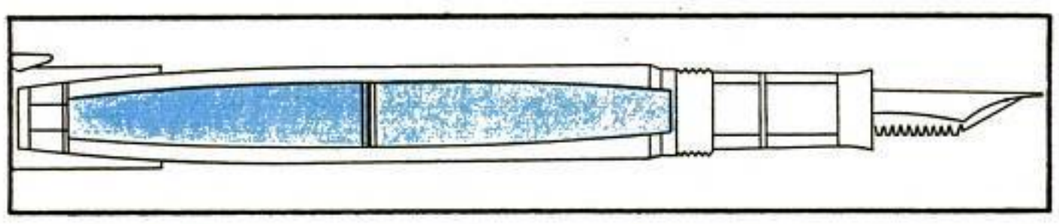
The beautiful new SAFARI is like no other pen you ever saw before.

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And the SAFARI holds 40% more ink than any other fountain pen . . . yet it is sleekly modern and slim. You need never worry about running out of ink, either. The second cartridge is your spare . . . always ready in the pen in case you need it.

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TO WIN A DESERT RACE ON "HAVE GUN, WILL TRAVEL," PALADIN (DICK BOONE) TRADES HIS HORSE FOR A CAMEL AND RIDES UP TO THE TV SALOON SET

TV GOES WILD OVER WESTERNS

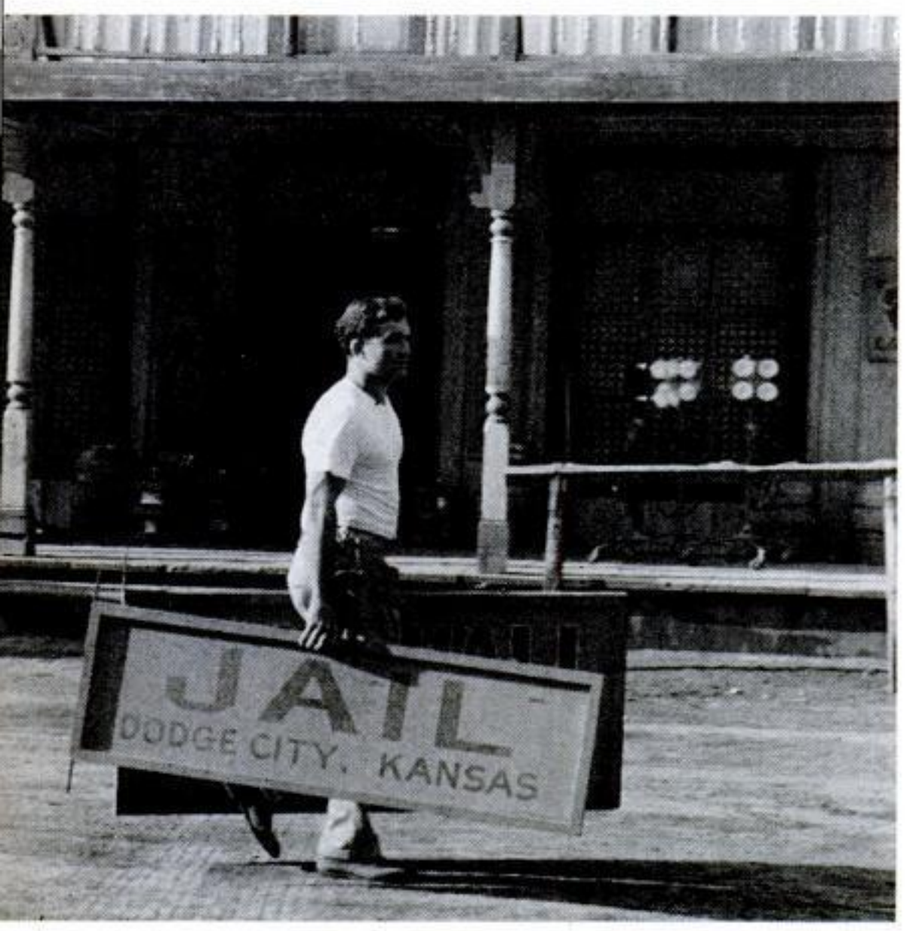
Cowpokes' clashes fill the programs as horses, camels and classics are taken for a ride

Television this fall started off with a bang-bang and by this week the bangs had exploded into a huge boom in westerns. Everywhere on TV, along with the sound of six-shooters, comes the noise of bottles breaking on bars, of poker tables crashing to the floor, of fists smashing into faces and of hooves clattering over the plain. A full third of all the nighttime TV network hours is filled with westerns, 12 of them popular holdovers from last year plus 11 rootin' tootin' newcomers.

The big run on the TV range started when network planners noted that among the 50 or so shows scuttled last year because of audience apathy, not one was a western. Convinced that cowboys were destined to take over where comedians had faltered, the networks started grinding out the series, shown here in photographs by LIFE's Allan Grant. The big dramatic shows, usually more interested in the inner life than the wide open spaces, went to work on long, serious westerns, and TV syndicated film producers came up with a dozen more. Now there are so many horse operas on the screen that even TV does not seem to be taking them too seriously, indulging on occasion in good-humored hokum (*above*) about a cowboy riding a camel. The fashion has reached such proportions that right now a Los Angeles family with unlimited leisure, four TV sets and an insatiable appetite for gunplay could tune in on 64 hours of westerns per week.

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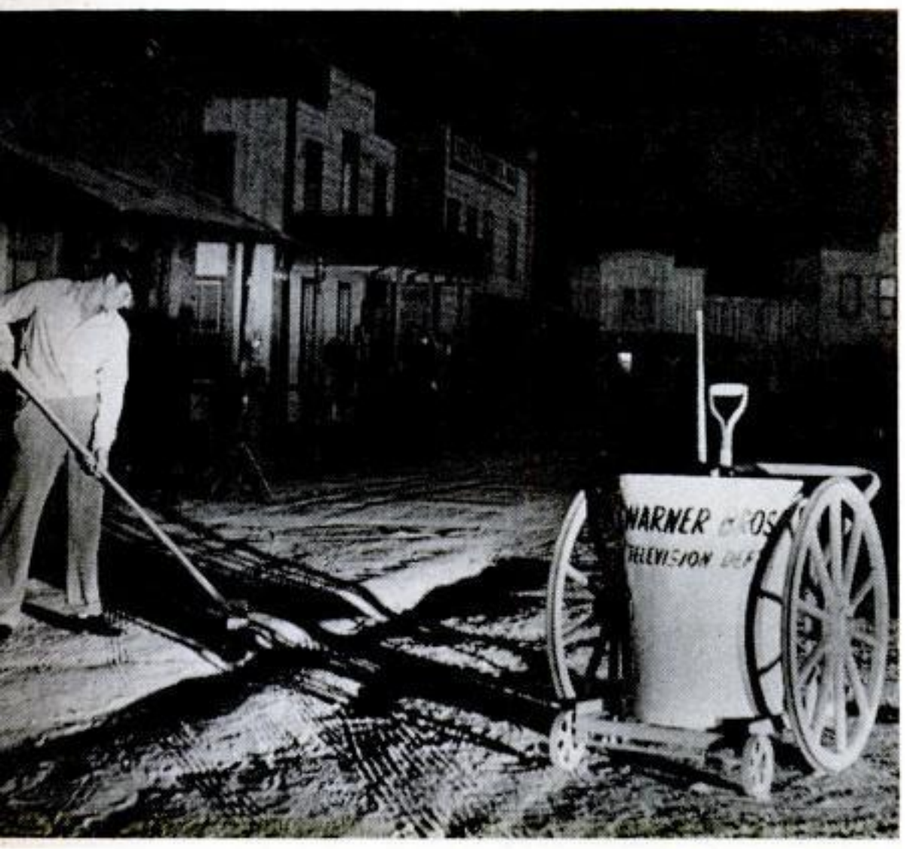


SHIFTING SIGNS, prop man on the Gene Autry ranch prepares set for new program. Western settings are in such demand that four shows use this one.

CROWDING THE OLD CORRAL

As new heroes keep crowding in and Hollywood studios try to meet schedules, old movies are filling the demand by getting reruns on local TV stations. The old westerns are easy to spot. In them the hero is infallible and loves only his horse. In the new "adult" westerns he is a paragon of neither virtue nor wisdom and sometimes even has to do with women. *Gunsmoke*'s Marshal Dillon even guesses wrong when asked, "Which way'd they go?"

The battles the western heroes wage with their villains are not nearly so fierce as those they fight with each other for the top television ratings. And on the competing networks during the season many a hero (*right*) will be fatally unhorsed by his opposition's Trendex.



SWEEPING UP BULLETS, the blank cartridge cases expended in day's gunplay, a Warners' maintenance man cleans western set for next episode.



SHOOTING IT OUT in a studio saloon, six TV western heroes who never trade fire on screen because they are all in different weekly serials stage a mock battle symbolic of TV rating war each is out to win. Gunmen (*left to right*) are Clint Walker, ex-deputy sheriff from Las Vegas who plays title role

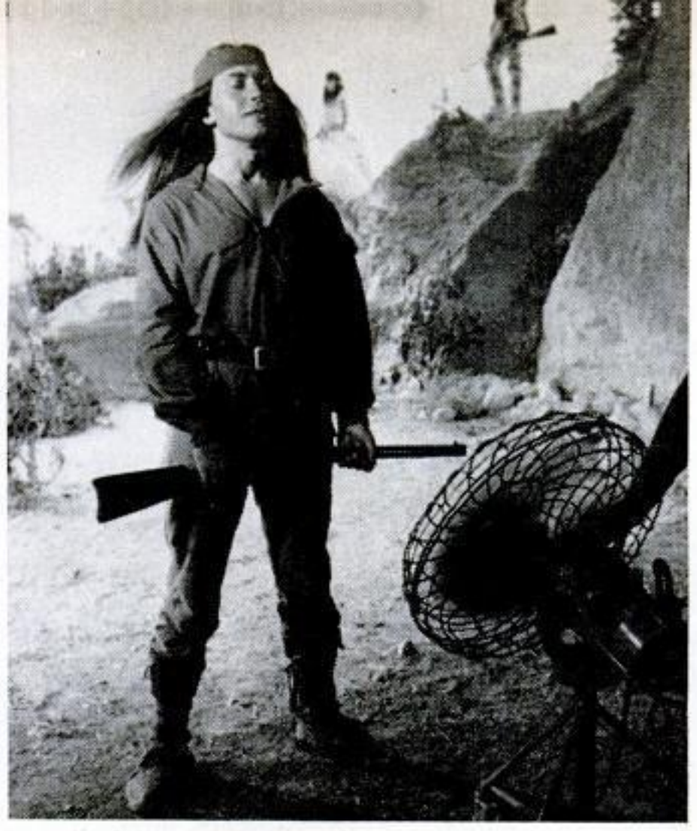
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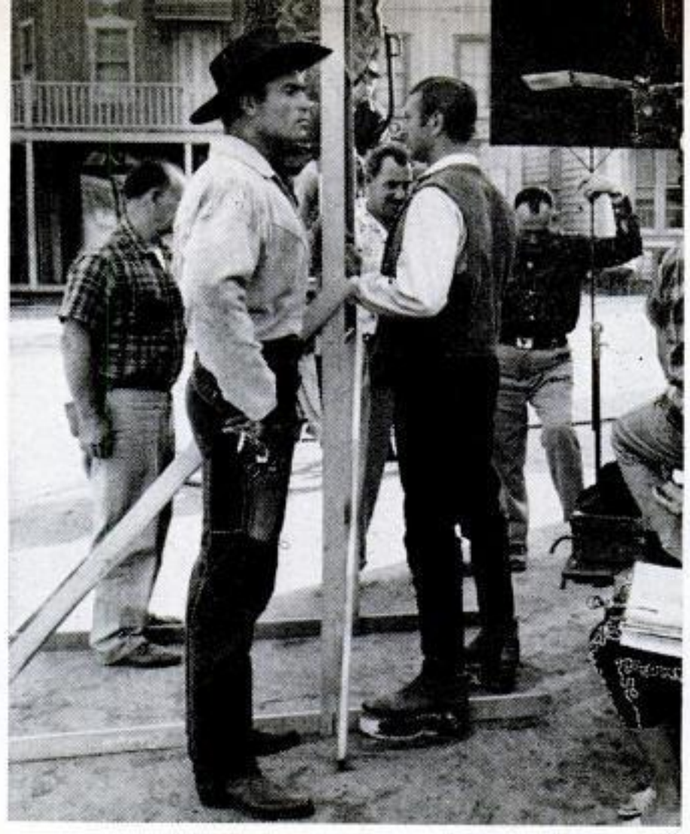
in *Cheyenne* (ABC); Jim Arness, a 6-foot 4-inch Minnesotan who plays Marshall Matt Dillon of *Gunsmoke* (CBS); Dick Boone, onetime star of TV's *Medic*, now hero of *Have Gun, Will Travel* (CBS); Robert Horton, co-star with Ward Bond in expensively made *Wagon Train* (NBC) whose hour-long episodes cost $100,000 each; James Garner, the gambler in *Maverick* (ABC); and John Payne, freelance cowpoke Vint Bonner in *Restless Gun* (NBC).

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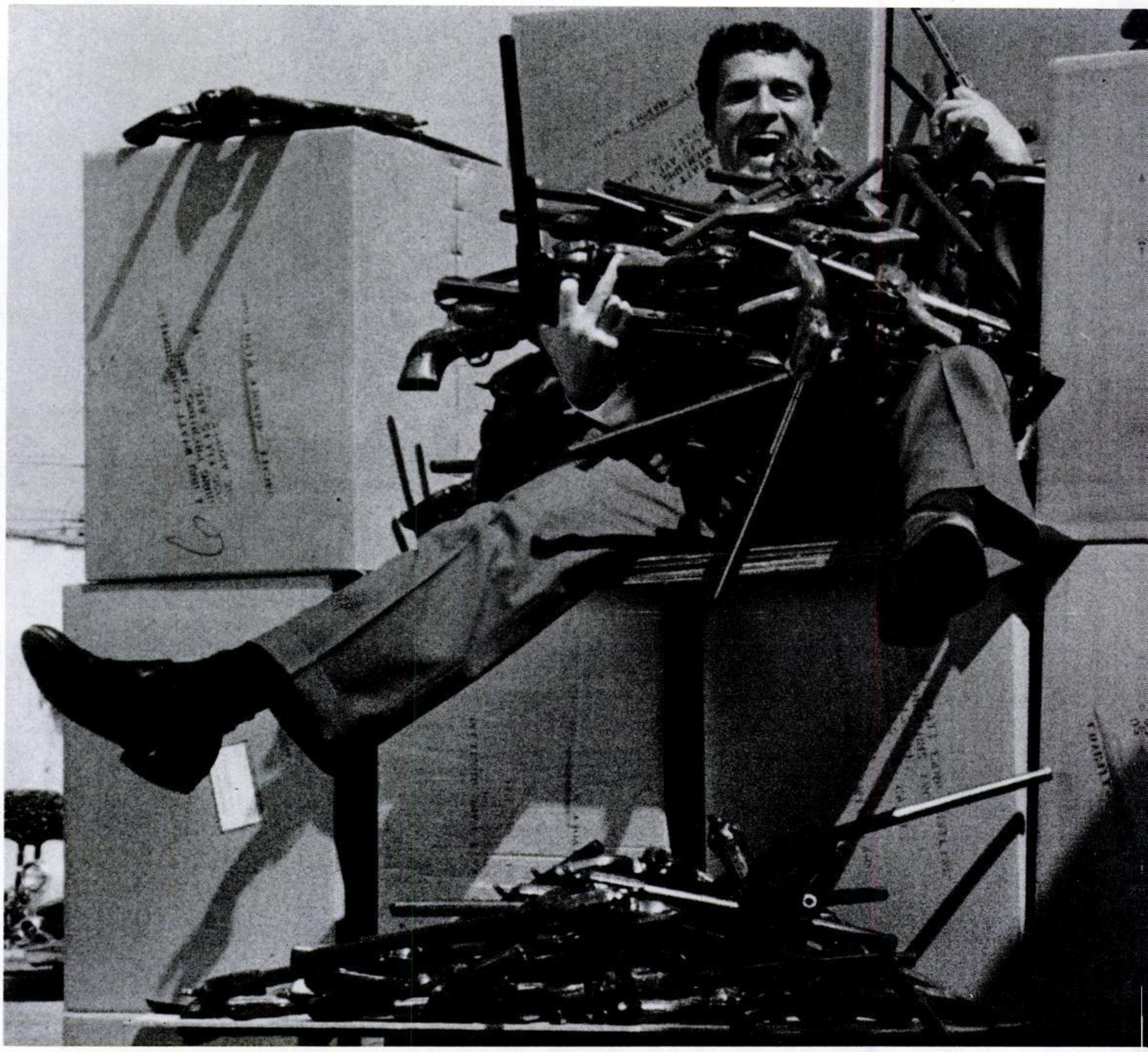
WIND-BLOWN INDIAN, Michael Ansarra, who plays Cochise in *Broken Arrow*, cools off after fighting in buckskins and wig on the 100° sound stage.



UNDERSIZE STAND-IN Clyde Howdy (*right*), 6′2″, wears elevated shoes to raise stature to match towering Clint Walker (*left*), 6′4″, of *Cheyenne*.



SENSITIVE HORSE gets skin lotion rubbed on his nose by his rider, Dale Robertson, undercover detective hero Jim Hardie of the *Wells Fargo* series.

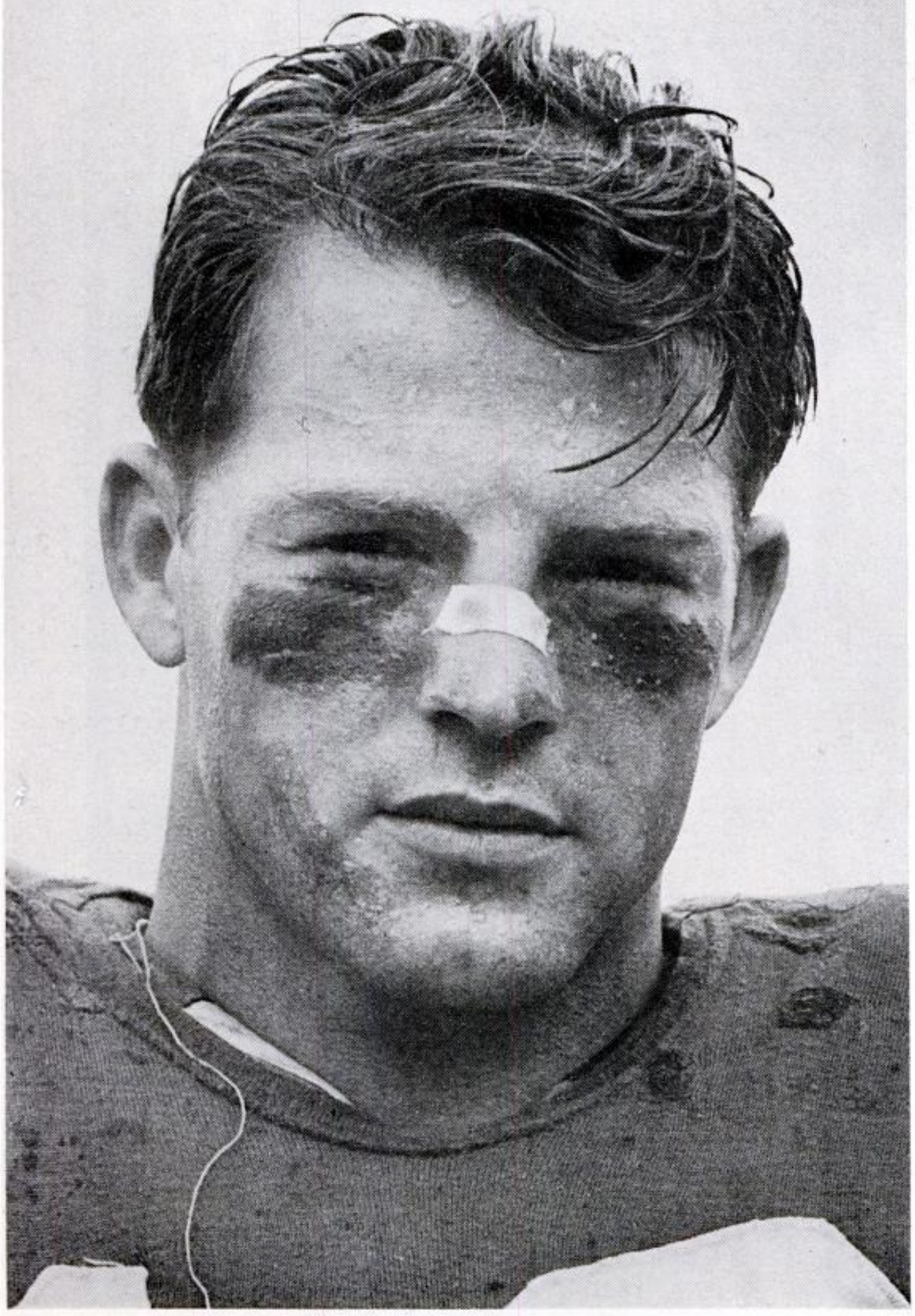


MONEY-MAKING MARSHAL, Hugh O'Brian who plays the Wyatt Earp role on TV, exults over a day's production of Buntline Specials, a toy version of his favored long-barrel Colt .45. Factory, which stamps out 18,000 guns a day, is controlled by O'Brian whose profit is about 2¢ on every sale. Other Wyatt Earp-endorsed products are western shirts, skirts, pajamas and sets of jail keys. O'Brian has also recorded an album of frontier songs, one of which he wrote himself.

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Frank Gifford's hair looks like this after a N.Y. Giants football game...



...like this after Vitalis



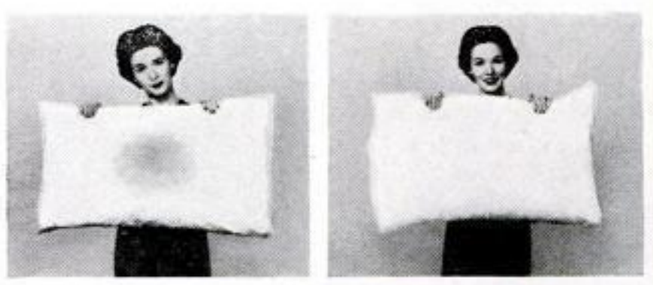
Halfback Frank Gifford was voted the most valuable player in the National Football League last year.

New greaseless way to keep your hair neat all day...and prevent dryness

"I don't know which is worse for your hair—a hot helmet or a hot shower," says halfback Frank Gifford. "I get plenty of both so I always use Vitalis. My hair stays neat, and Vitalis isn't greasy."

The secret is V-7. This new grooming discovery is *greaseless*, so you never have a too-slick, plastered-down look. Along with V-7, new Vitalis blends refreshing alcohol and other ingredients to give you superb protection against dry hair and scalp—whether they're caused by wind, sun or your morning shower.

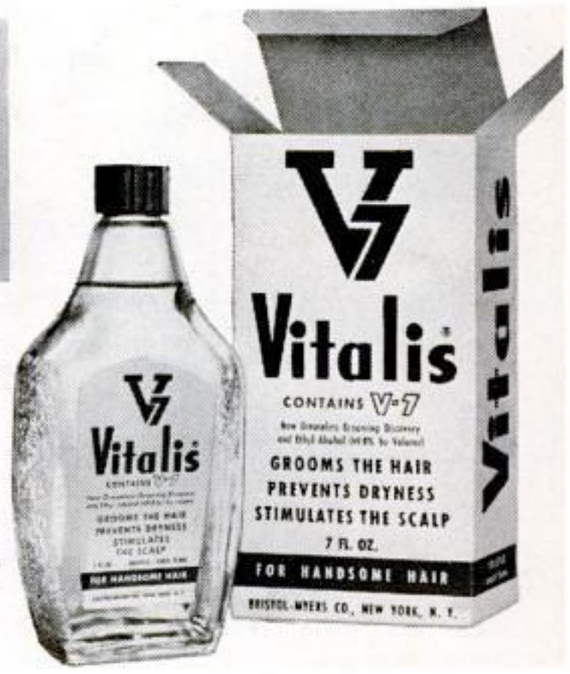
Try new Vitalis with V-7 soon. (Tomorrow, for instance.)



SEE THE DIFFERENCE

Does your husband use a greasy tonic that stains pillowcases like this?

Greaseless Vitalis leaves pillowcases clean—like this.

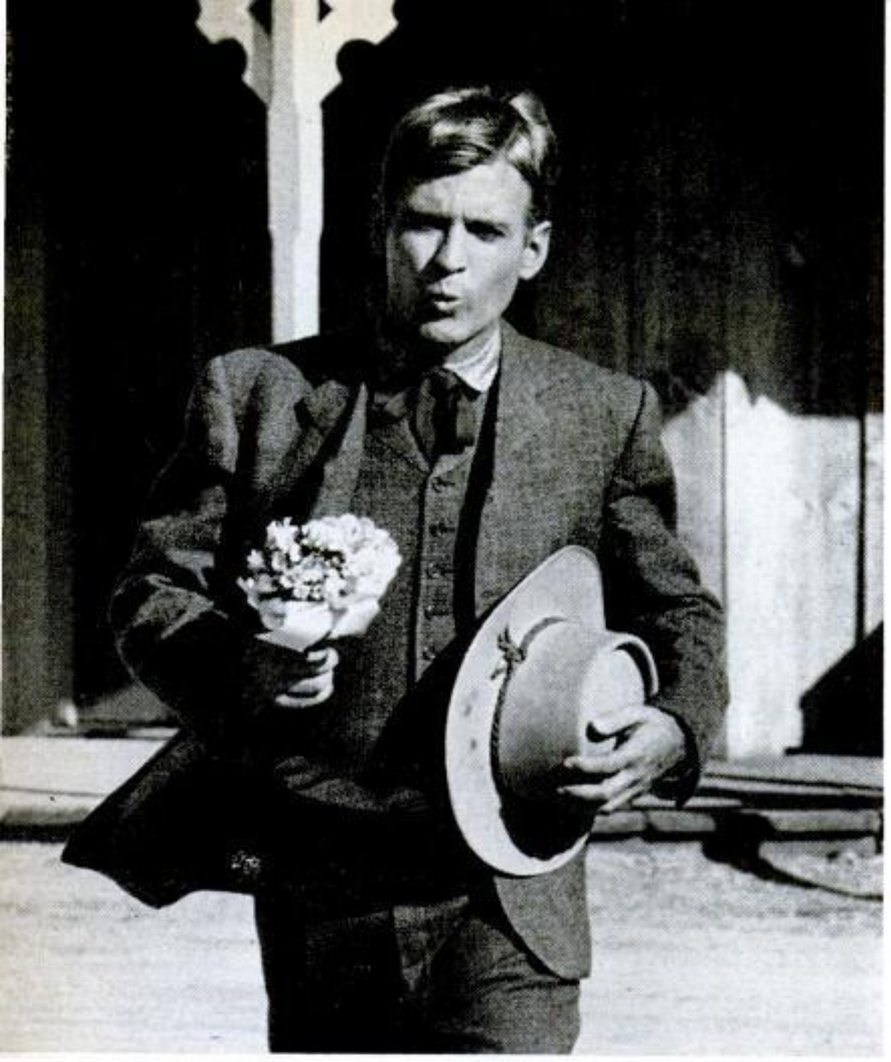


New VITALIS® Hair Tonic with V-7®

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DAME-TAMED HEROES, FAKE FIGHTS



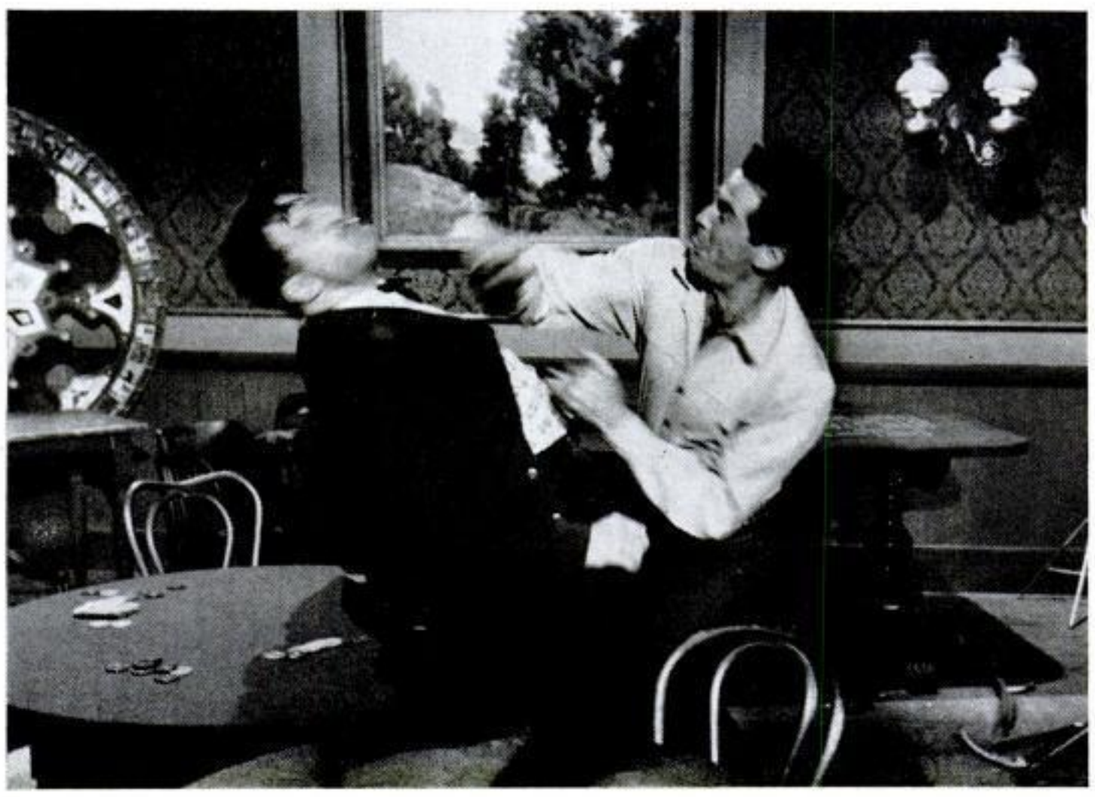
POSY-PACKING TENDERFOOT Will Hutchins, star of *Sugarfoot*, plays young law student wandering west who carries daisies when calling on girl.



FALLEN FRONTIERSMAN, *Gunsmoke*'s Matt Dillon (Jim Arness), is helped by Dodge City dance hall proprietress (Amanda Blake), who loves him.



PAIR OF UNIMPRESSED SPECTATORS (LEFT) ON SET WATCH ACTORS FAKE A FIGHT FOR "WELLS FARGO"





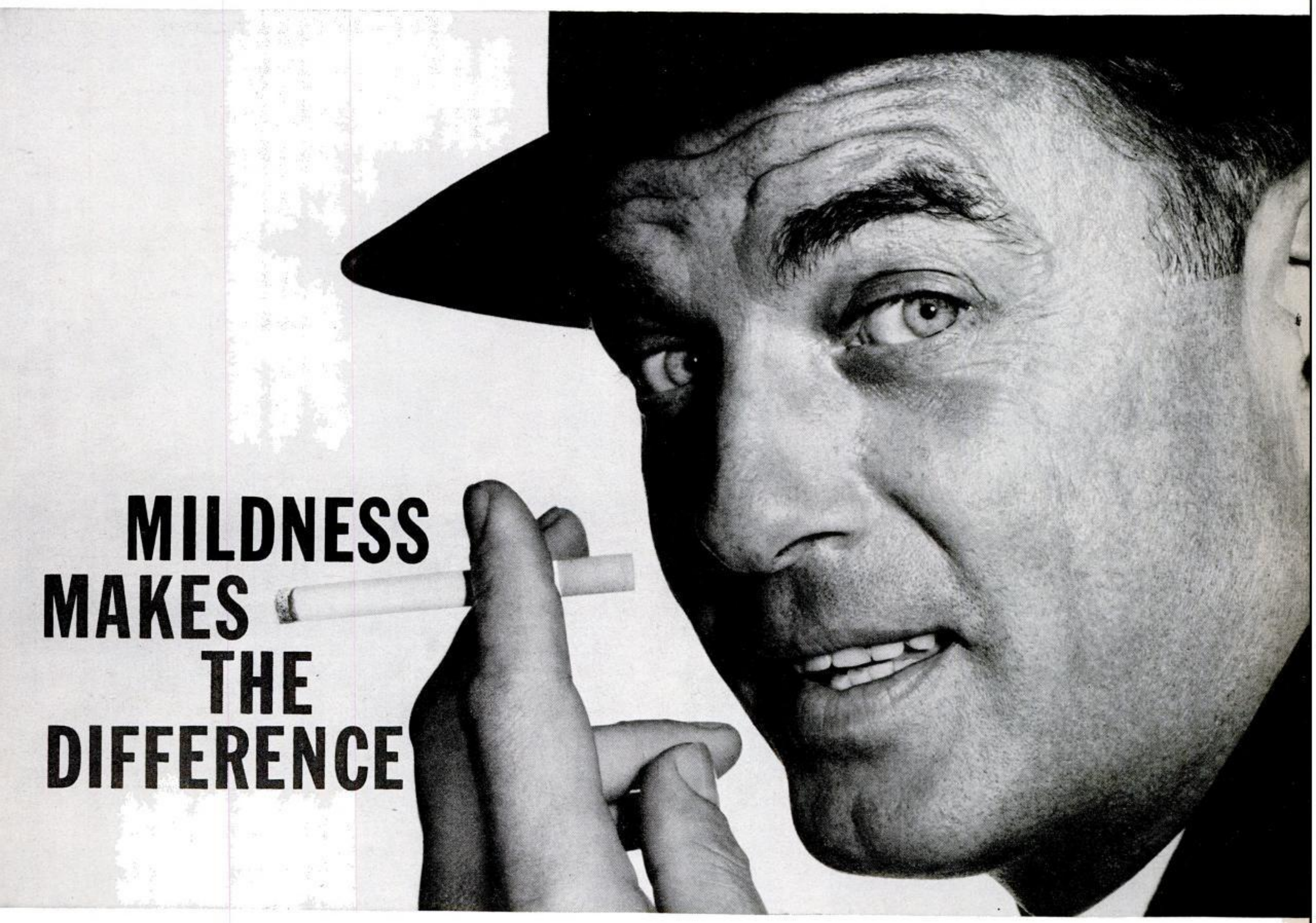
STAGING A FIGHT, *Maverick*'s hero (Jim Garner) starts a looping right cross on its way toward its target, the chin of the crooked saloon keeper (Ted De Corsia). The well-rehearsed villain ducks back before the punch gets close (*left*) and his chin is more than a foot away from danger when it passes. For television filming of the scene, camera was shooting from position directly behind Garner and the safe gap between the fist and his face shown here was not noticeable.

CONTINUED

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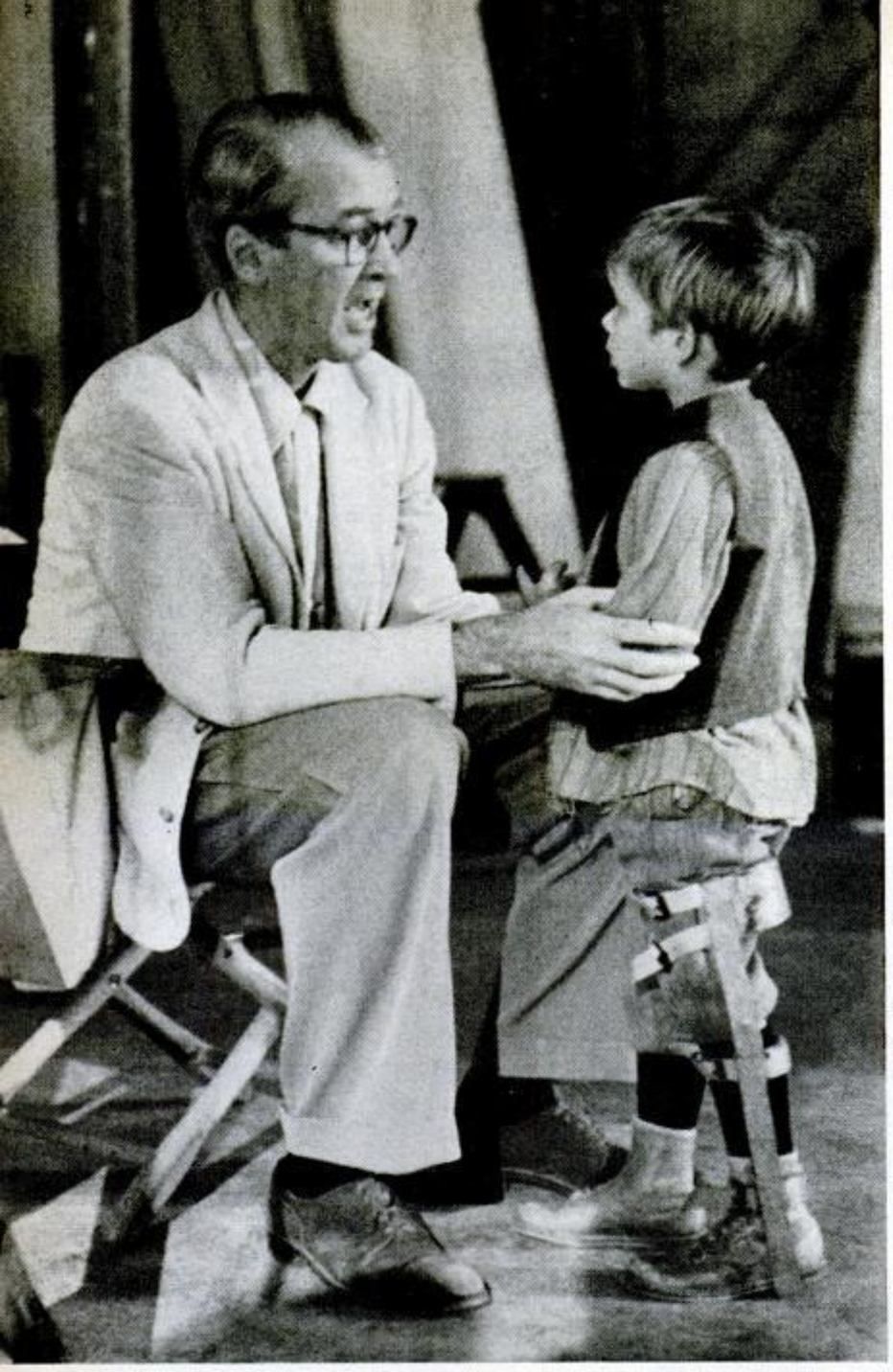
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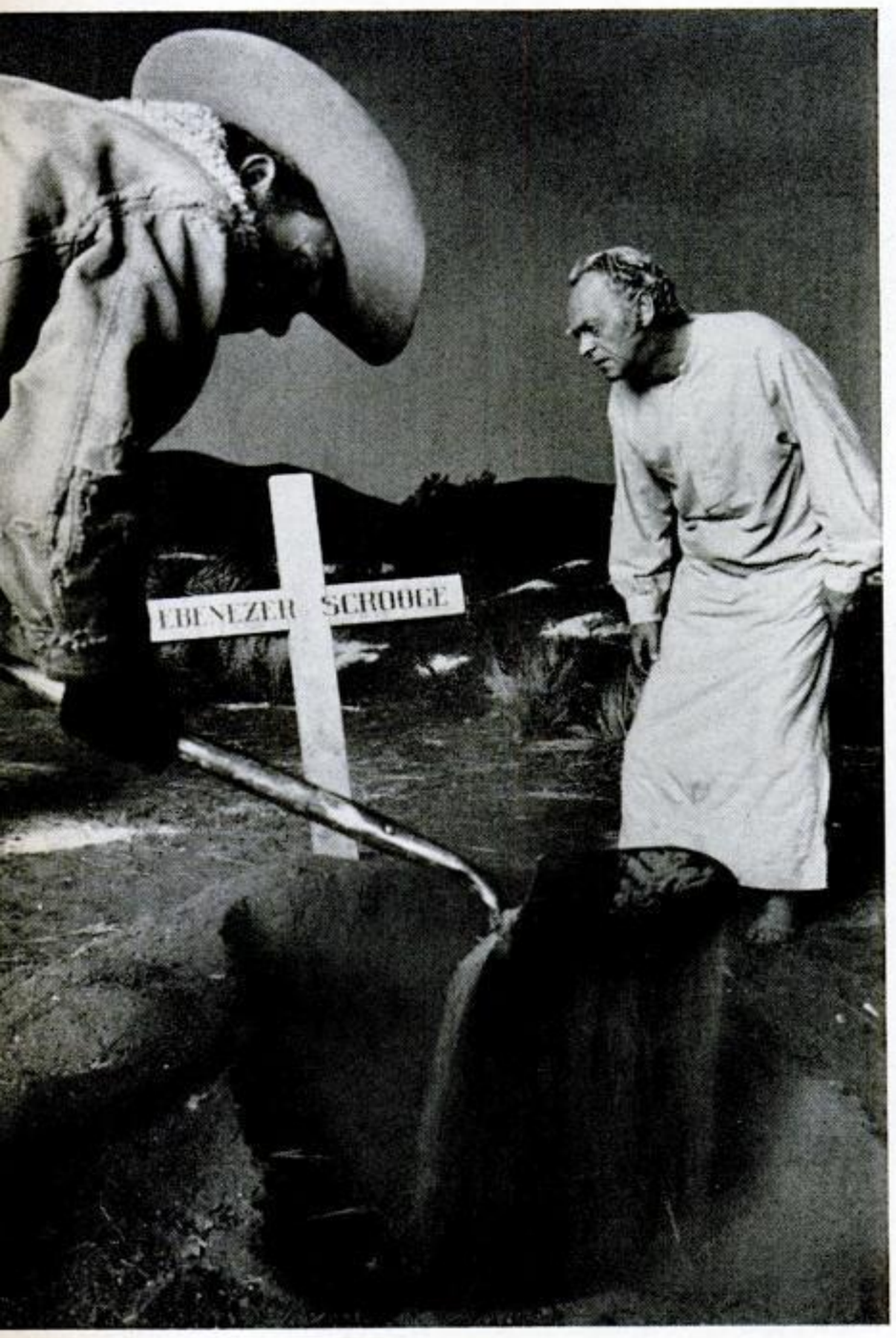
TINY TIM, SCROOGE ON THE RANGE

With home screens awash with westerns, a devastating dearth of usable scripts has set in. To supply its four filmed TV shows, *Colt .45*, *Cheyenne*, *Sugarfoot* and *Maverick*, Warner Brothers alone keeps 27 writers at their typewriters full time. Other producers have given up trying to find new plots and are satisfied with simple place and time switches on old stories. "We've used up de Maupassant and we're halfway through Maugham," one script editor said last week. "Y'ever read any Balzac?"

The farthest reach for ideas will be seen on the General Electric show in December. Neatly blending seasonal subject matter and television demand, the program will give a western version of *Christmas Carol*, called *The Trail to Christmas*. The characters bear the names that Dickens gave them but Marley's ghost wears chaps and spurs and Scrooge keeps all of his account books at the old Wells Fargo bank.



TELLING TINY TIM how to play scene, Director Jimmy Stewart goes over lines with Dennis Holmes. The famous star directed, starred in show.



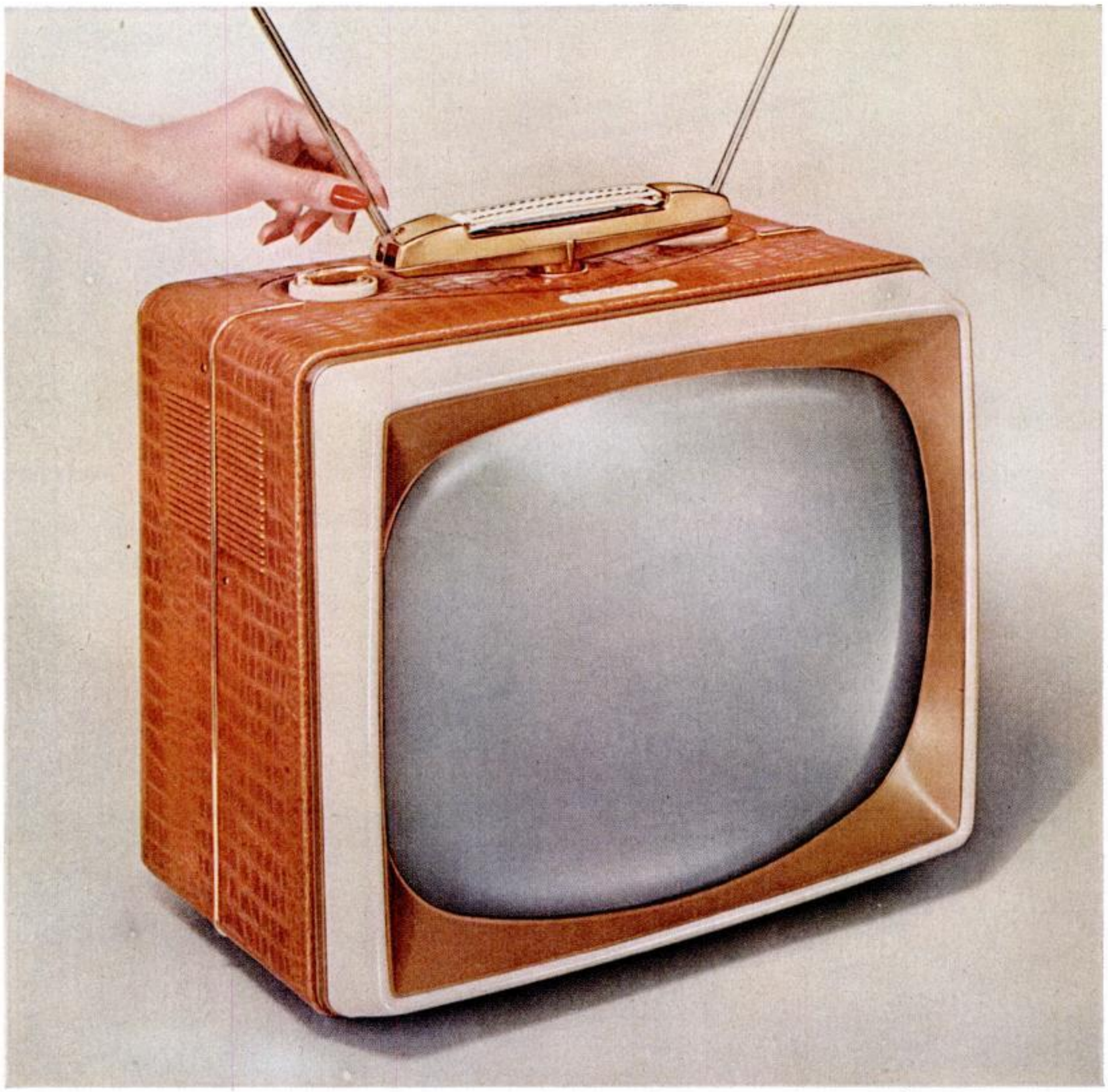
SCROOGE AT HIS GRAVE, being shown future death by ghost of Christmas-to-Come, watches fearfully as gravedigger fills hole in the prairie dirt.

SCROOGE IN THE SADDLE rides up to the Cratchit ranch house with hams and turkeys for his employe. The old miser is now a square shooter.



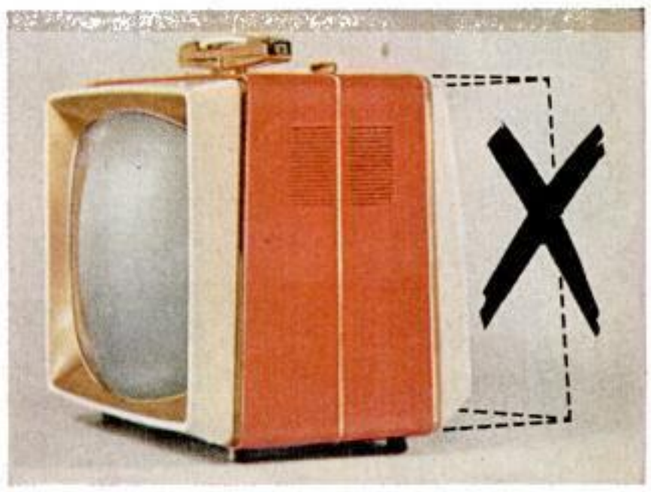
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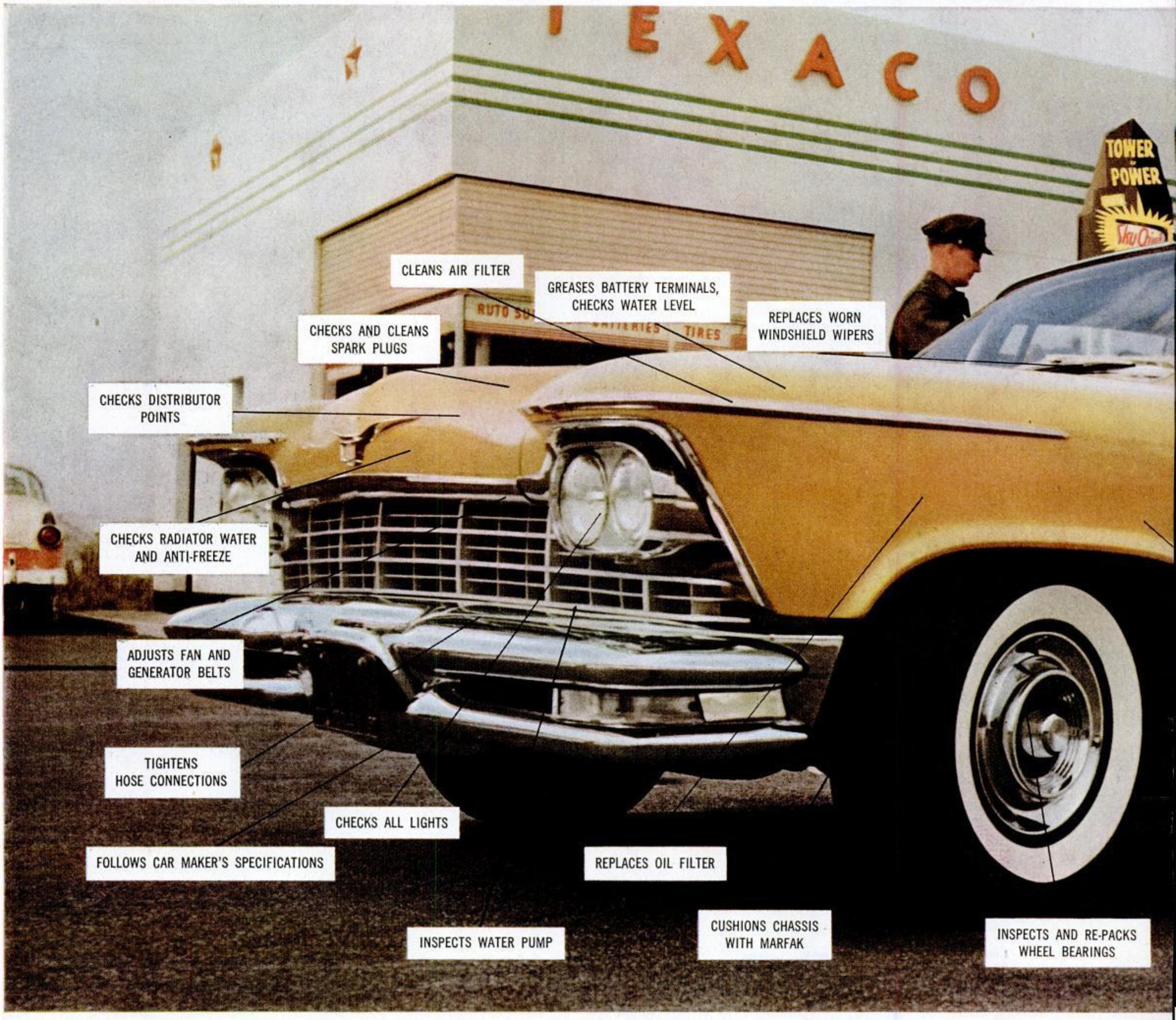
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NEW VOGUE IN TELEVIEWING! Put this new Slender Seventeener Table Set on your coffee table, room divider, anywhere in any room! Big-picture TV, yet it takes up less table space than a copy of the magazine you're reading!

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22 ways a Texaco Dealer keeps your car

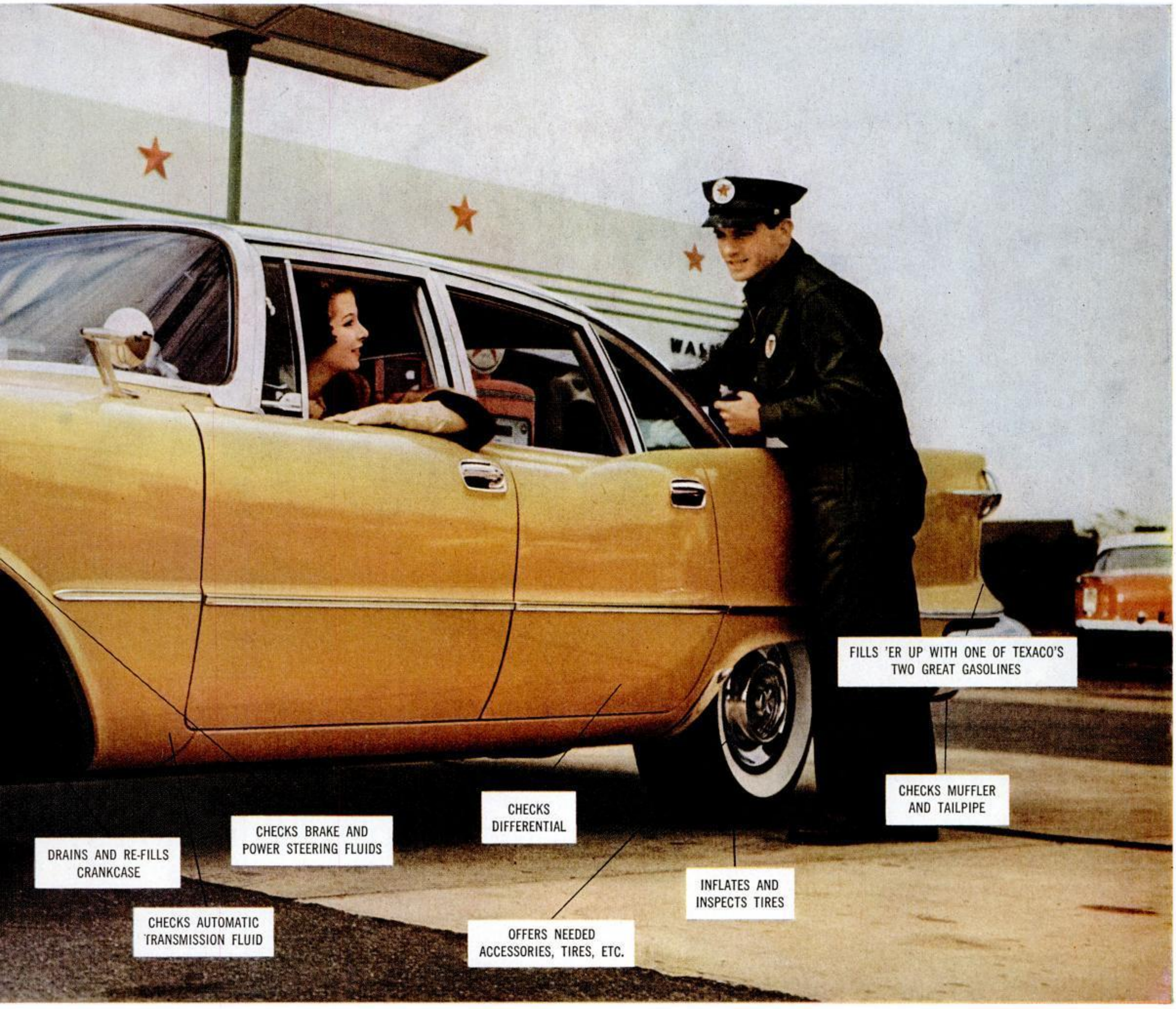


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Bake about 20 minutes. Then the *real* fun!

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More fun: let the kids fix their own party meal. Makes a hearty Italian-style family dinner, too! One package makes 5 big servings.

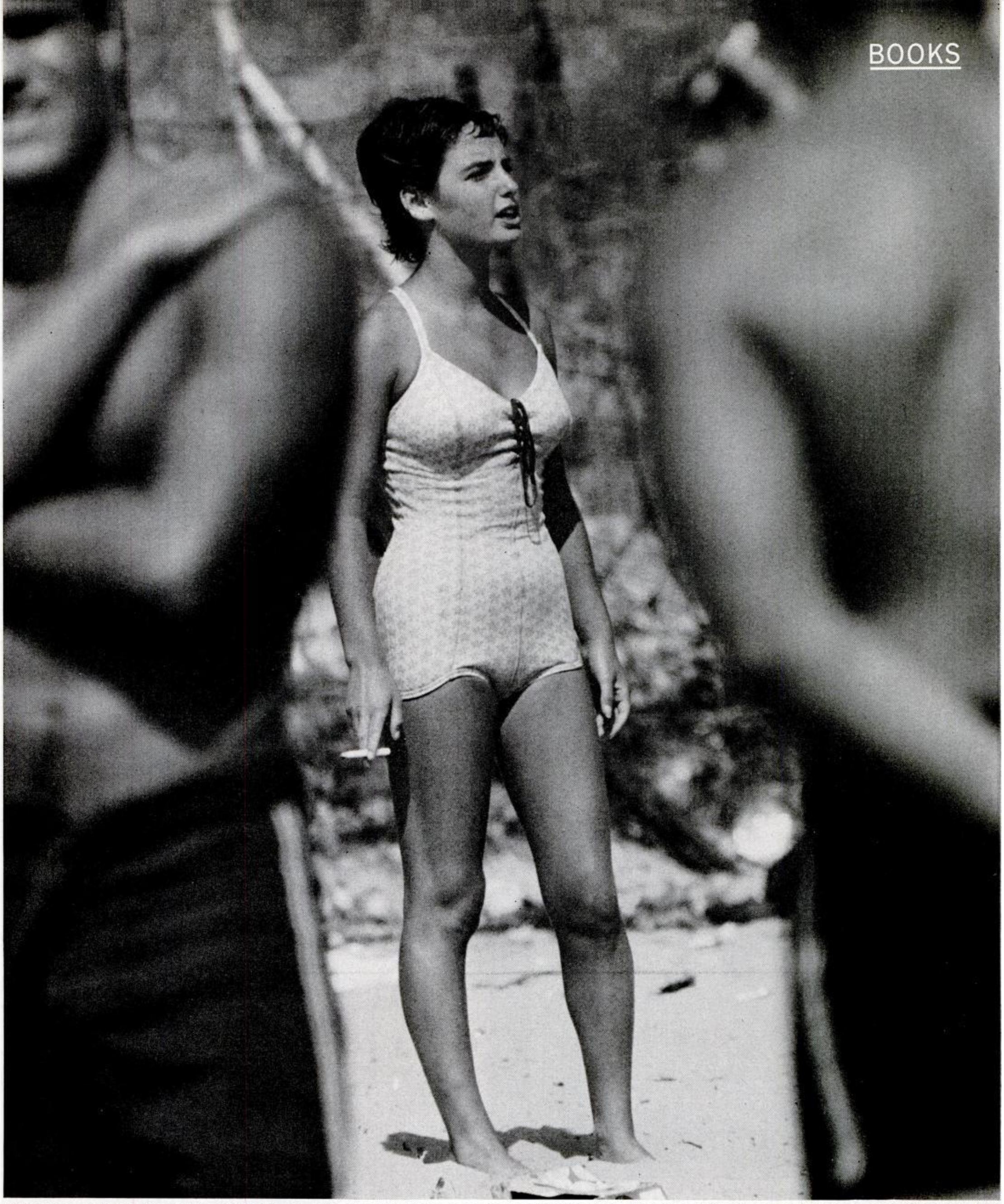
For pizza that has *everything* get the mix that gives you everything—including cheese!

real Italian-style

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Pizza Pie Mix

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AT MALIBU BEACH KATHY KOHNER, THE REAL-LIFE GIDGET, STANDS DWARFED BETWEEN TWO OF HER MUSCULAR, DEEPLY TANNED SURFBOARDING PALS

GIDGET MAKES THE GRADE

When 15-year-old Kathy Kohner tried to join the exclusively male band of surfboarding fanatics at Malibu Beach, she got a distinctly chilly reception. She was a girl and, what's more, a small one—barely five feet tall and only 95 pounds soaking wet. But Kathy was persistent and she finally won her way to the surfers' circle, winning also the nickname of "Gidget," a combination of girl and midget.

Gidget's teen-age excitement over surfboarding bubbled over at home. Her father, a Hollywood script-writer, became so fascinated by his daughter's new world and its bizarre slang that he wound up writing a novel about her. Called *Gidget*, and published this month (G. P. Putnam's Sons), it has already been sold to the movies.

The book tells how Gidget learned the difficult art of surfboarding—catching the "bitchen wetbacks" (big waves) and "shooting the curls" (riding the surf) without "getting the ax" (falling under a breaker). An indomitable girl, Gidget finally mastered the board. Breaking into the man's world was just as hard. An artless, sensitive girl, she still flinches at memories of her rebuffs before being accepted: "I used to say, 'Look, I'm not bothering you.' And they'd say: 'Yeah? You're still breathing.'"

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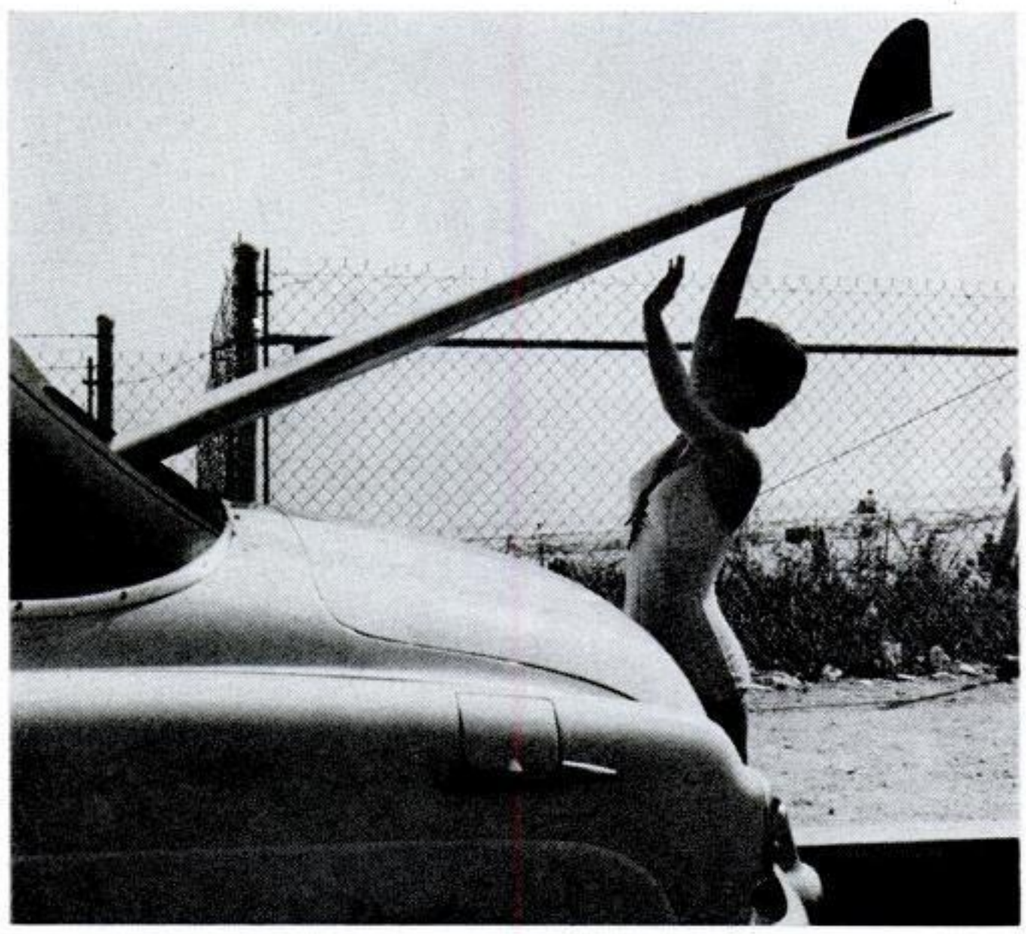
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• Formulated for a *man's* hair and scalp • Based on a new shampoo principle—exceptionally mild, non-drying • Conditions scalp and hair while it cleans • Leaves hair manageable... gives it a healthy sheen • Produces thick, instant lather in hardest water • In unbreakable plastic—safe for use in shower 1.25

OLD SPICE HAIR GROOM TONIC in unbreakable plastic

• New co-polymer ingredient in this fine liquid-cream tonic prolongs manageability yet gives hair a natural feel and appearance • Rinses easily from comb and fingers • Effective in controlling loose dandruff • Special active ingredient inhibits bacterial growth—helps maintain a healthy scalp • Unbreakable plastic squeeze bottle—travels light 1.00 plus tax

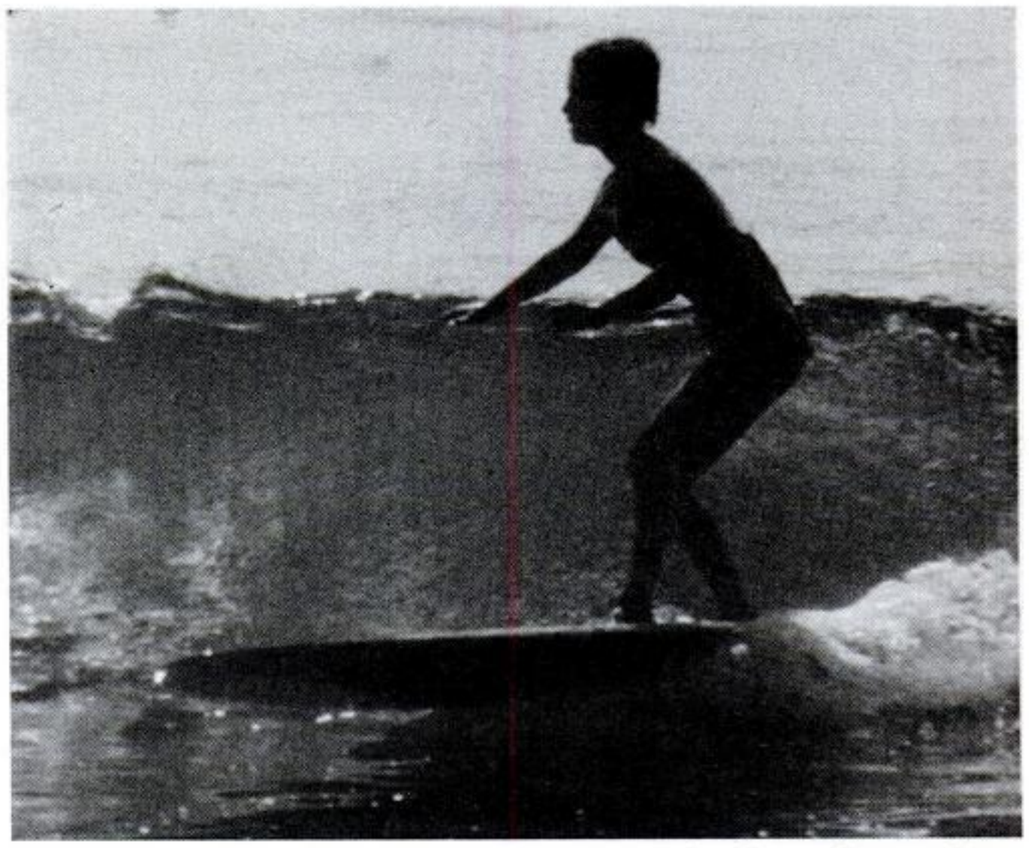
SHULTON New York • Toronto



LOADING HER BOARD into back seat of family convertible at Malibu, Kathy is able to handle the 8-foot 8-inch, 20-pound piece of balsa wood herself.



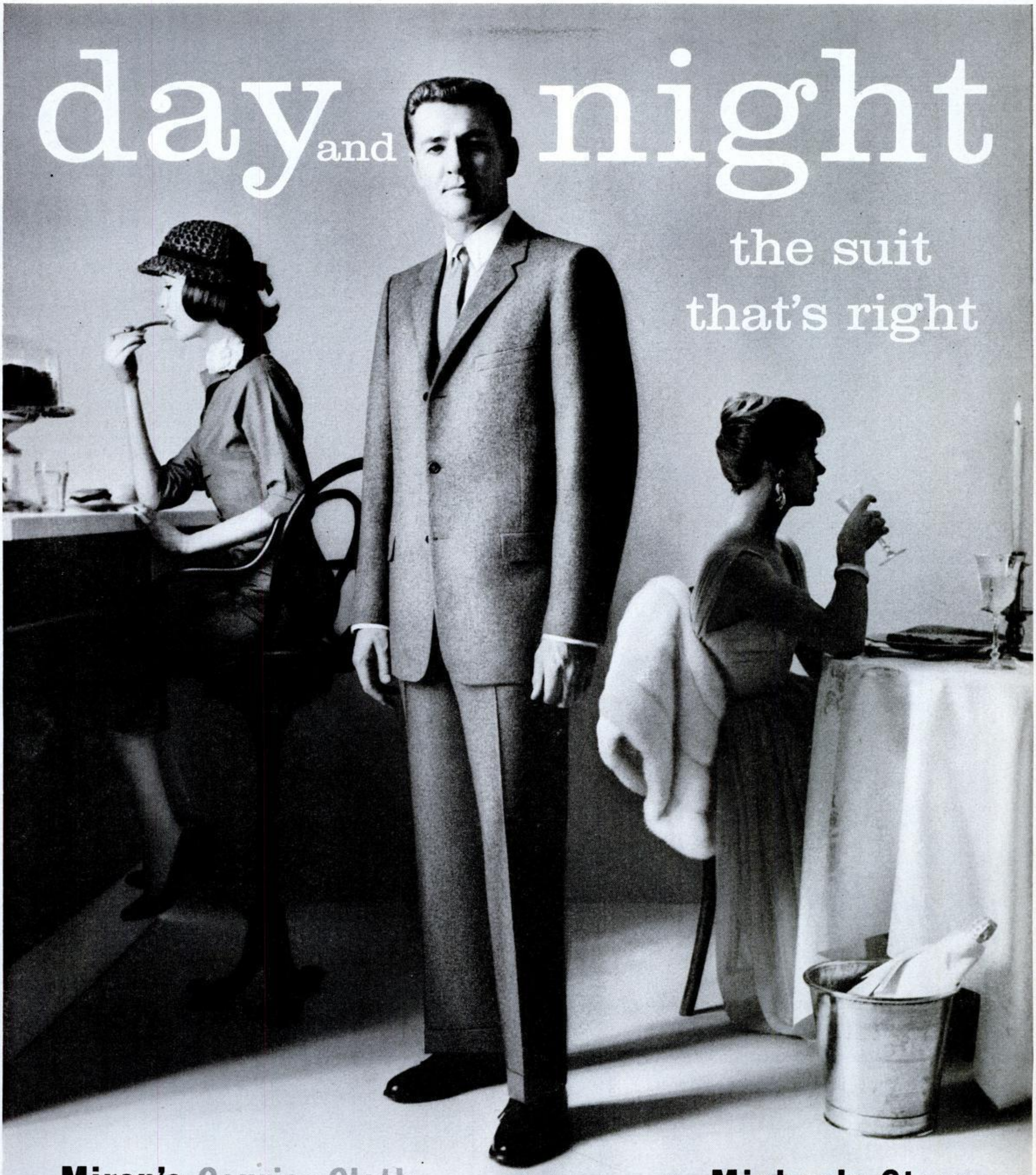
SITTING WITH SURFERS in the California sun, Kathy waits for big waves to come up, an occupation which takes up many of the surfers' hours.



"SHOOTING THE CURL," Kathy balances resolutely as she speeds to the shore. Long rides can last two minutes and waves rise as high as eight feet.

CONTINUED

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The Scotch with Character

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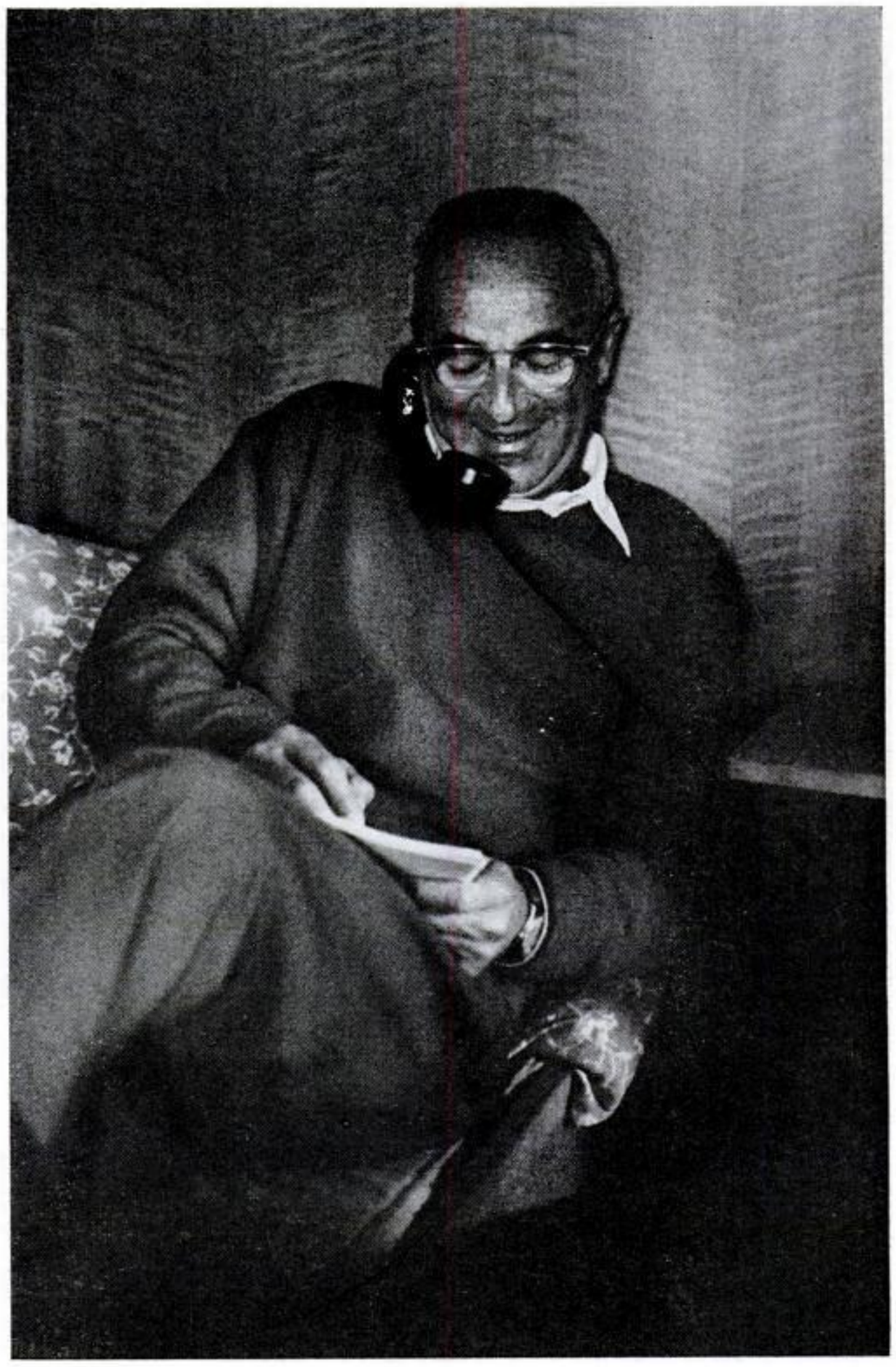
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SURFING TALK on phone fills many hours. But lately Kathy is thinking a little less of surfing and more about school work and getting into college.

AN EAVESDROPPING FATHER

"Most of our friends were shocked when we let Kathy go around with those surfers—and sometimes I was shocked too," says Frederick Kohner. "But she isn't the sort of girl who can hide anything and she would come home and tell us everything she had done. The more I heard, the more interested I became. So I listened carefully." Kohner, who has a Ph.D. in psychology, listened so carefully that *Gidget*, just out, is already selling fast on the West Coast and the movies have paid $50,000 plus 5% of the gross. Among the surfers themselves, the novel made hardly a ripple. "If I had a couple of bucks to buy a book," said one, "I wouldn't. I'd buy some beer." In Kathy's own opinion, "The book's all right, but there isn't enough surfing in it to suit me."



GLEEFULLY LISTENING to daughter's telephone conversation, Kohner takes notes. During the writing, Kathy often coached him on surfing slang.

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Actual photomicrograph of Viceroy filter section.



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Fewer filters, coarser filters in an ordinary filter tip! The simple drawings above dramatize the difference . . . you get only half as many filters in the other two largest-selling filter brands! Only Viceroy gives you the filter-power of 20,000 filters!

Actual photomicrograph of ordinary filter section.

... FOR THE SMOOTHEST TASTE OF ALL!

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Get Viceroy, the cigarette chosen by America's champion athletes for the smoothest taste of all.



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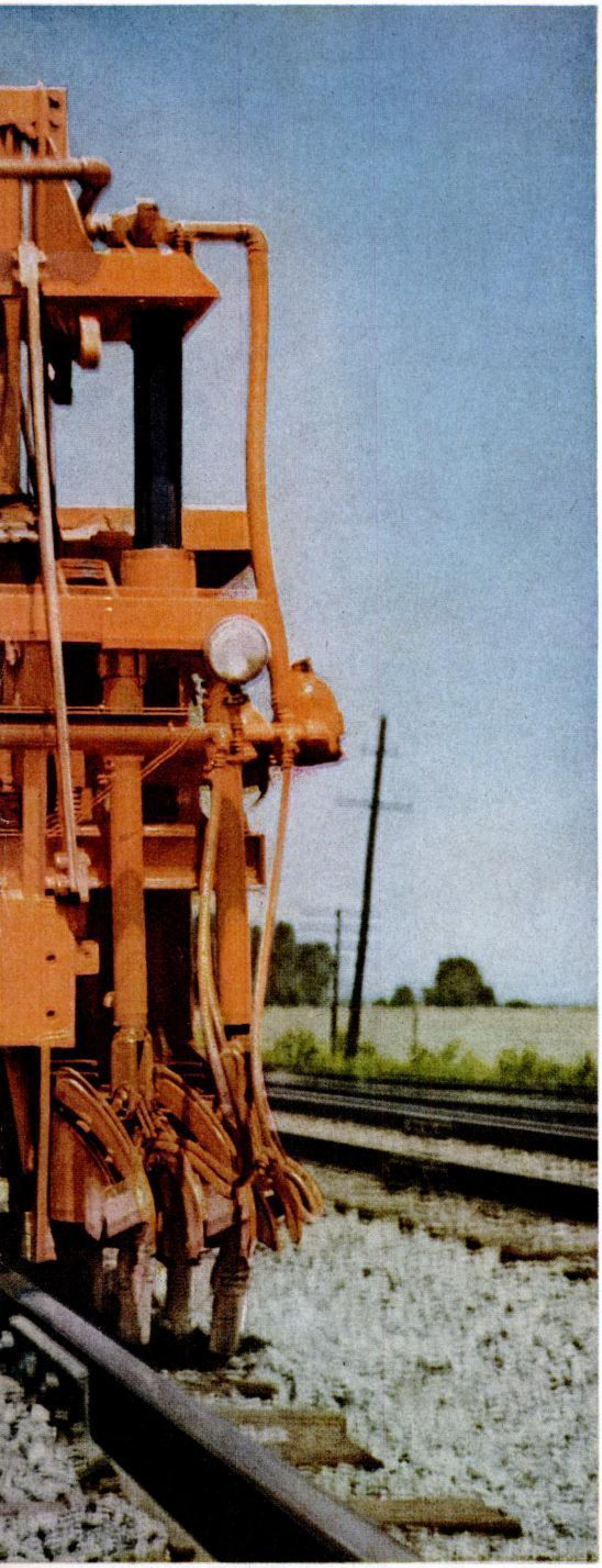
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These improvements are as important to America as to the railroads themselves. And the self-sustaining railroads are ready to make many more — as fast as they can earn the money to pay for them.

That's the hitch. Railroads just aren't earning enough money these days to put into operation all the improvements they have developed.

Railroads *could* make enough money to do more of these things, for they are — by far — our most efficient system of mass transportation. But their earning power is hamstrung by outdated government policies that favor competing forms of transportation.

As a result, the railroads' earnings are reduced — and the nation loses some of the benefits of railroad progress. In your interest — in the interest of *every* American family — railroads should be permitted *equal* opportunity to earn an adequate return on their investment. *Isn't this common sense?*

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CONFERENCE EXCURSION gives delegates chance for informal discussions as they cruise near Bay Bridge. From left, Sir Eldred Hitchcock of Tanganyika, Eric Johnston of U.S., Mr. and Mrs. S. S. Kanoria of India and Bulent Yazici of Turkey pause for a bit of San Francisco lore from Yachtsman Dan London.

A HISTORIC GATHERING OF FREE ENTERPRISERS

From 62 nations of the free world some 551 delegates gathered last week in San Francisco for an unprecedented show of faith in the free enterprise system—and a uniquely informed examination of its perils and promises. Sponsored jointly by TIME-LIFE International and the Stanford Research Institute, the International Industrial Development Conference tackled the ways of encouraging economic growth throughout the non-Communist world. The delegates were their nations' leading bankers, industrialists, government officials. The conference gave them a remarkable chance for face-to-face talk that ranged from theory to specific needs.

The conference was confronted with some compelling facts. Two thirds of the free world's people—1.8 billion of them—live in underdeveloped areas. World population, at present rates, will double in 42 years, making it vastly more difficult to maintain even present standards of living. As obvious as the opportunities for private enterprise are the problems—world inflation, trade and tax barriers and, in many countries, a traditional hostility to capitalism. In considering these facts, the delegates sometimes differed sharply, as in defining government's role in industrial development. But they agreed on the big part private investment must play. In formal sessions, round-table talks and during odd moments of sightseeing (*above*), their earnest discussions went on.

CONTINUED 119

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PROMISE FOR GROWTH in poor countries is made by Eugene Black, head of World Bank, in his keynote speech. If they reverse their "traditionally hostile attitude . . . toward the profit motive . . . we will sow towns and cities in place of theories and put enterprise and production above politics."



PROTECTION FOR INVESTORS against expropriation was proposed by Hermann Abs, director of Deutsche Bank in Frankfurt (see Editorial). He called for a "Magna Carta," by which all countries would "treat foreign interests . . . without discrimination and abstain from . . . illegal interference."



"ANTICAPITALIST ATTITUDE" in underdeveloped countries was explained by Miguel Cuaderno Sr. of Central Bank of Philippines. It is not hostility but "natural desire to have a larger share in economic undertakings" and fear of "foreign domination of the economic . . . affairs of their countries."

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←**HEARING VICE PRESIDENT,** the audience of a thousand sits attentive in Sheraton-Palace Hotel.

LADY DELEGATE, Thailand's Mrs. Robert North, talks to Taizo Ishizaka, Japan, Marriner Eccles, U.S.

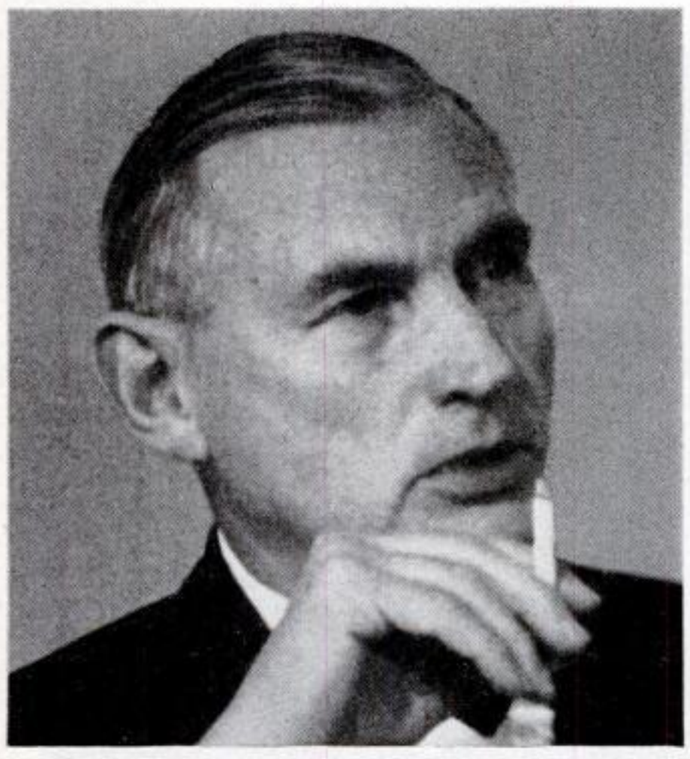
COGENT ANALYZING OF ISSUES

The delegates heard a series of notably impressive speakers (*below*) on the conference's long-range aims, but the immediate news was made by Vice President Richard Nixon (*left*). Sharply correcting the complacent comment of some other Administration officials on the Soviet satellite, he said: "We could make no greater mistake than to brush off this event as a scientific stunt. . . . Maintaining our superiority in military strength must always take priority over the understandable desire to reduce our taxes. We must be prepared for an all-out Communist economic offensive. . . ."

He then proposed far-reaching changes in U.S. government policies to encourage private investment abroad: cutting taxes on income earned abroad, channeling more government aid through private enterprisers, providing government-supplied risk capital, further easing tariffs. "It is not unreasonable," he said, "to set as our goal doubling or tripling American investment abroad in the next 10 years."



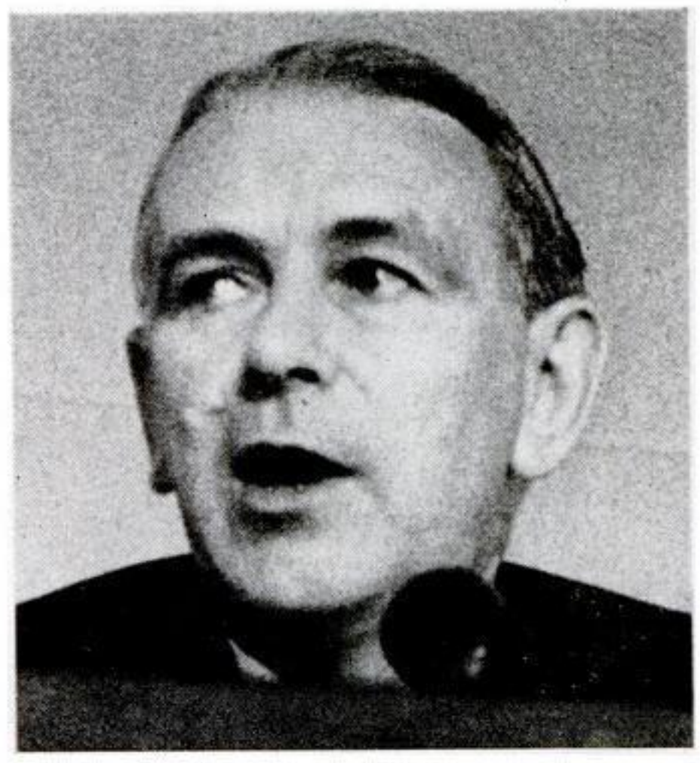
SPONSORS of meeting are represented by Henry Luce, Time Inc., Weldon Gibson, Stanford Institute.



PERIL OF INFLATION, which discourages foreign investors and destroys capital, was described by Marcus Wallenberg, president of Stockholm Enskilda Bank. He called for governments to overhaul tax laws so they do not "punish savings and productivity as now" and suggested savings be tax-deductible.



AIMS OF CAPITALISM were explored by Nelson Rockefeller: "the end is the dignity of the individual." He warned that nations can industrialize without private capital only by "ruthless exploitation of its workers" and he called on free world to promote not only free enterprise but its "social goals."



TARIFF DILEMMA vexing England was spelled out by J.L.S. Steel of Imperial Chemical. England wants to join new European common (*i.e.*, tariff-free) market, he said, but would thereby upset trade relations with Commonwealth nations. He hoped that market agreement could be modified so England could join.

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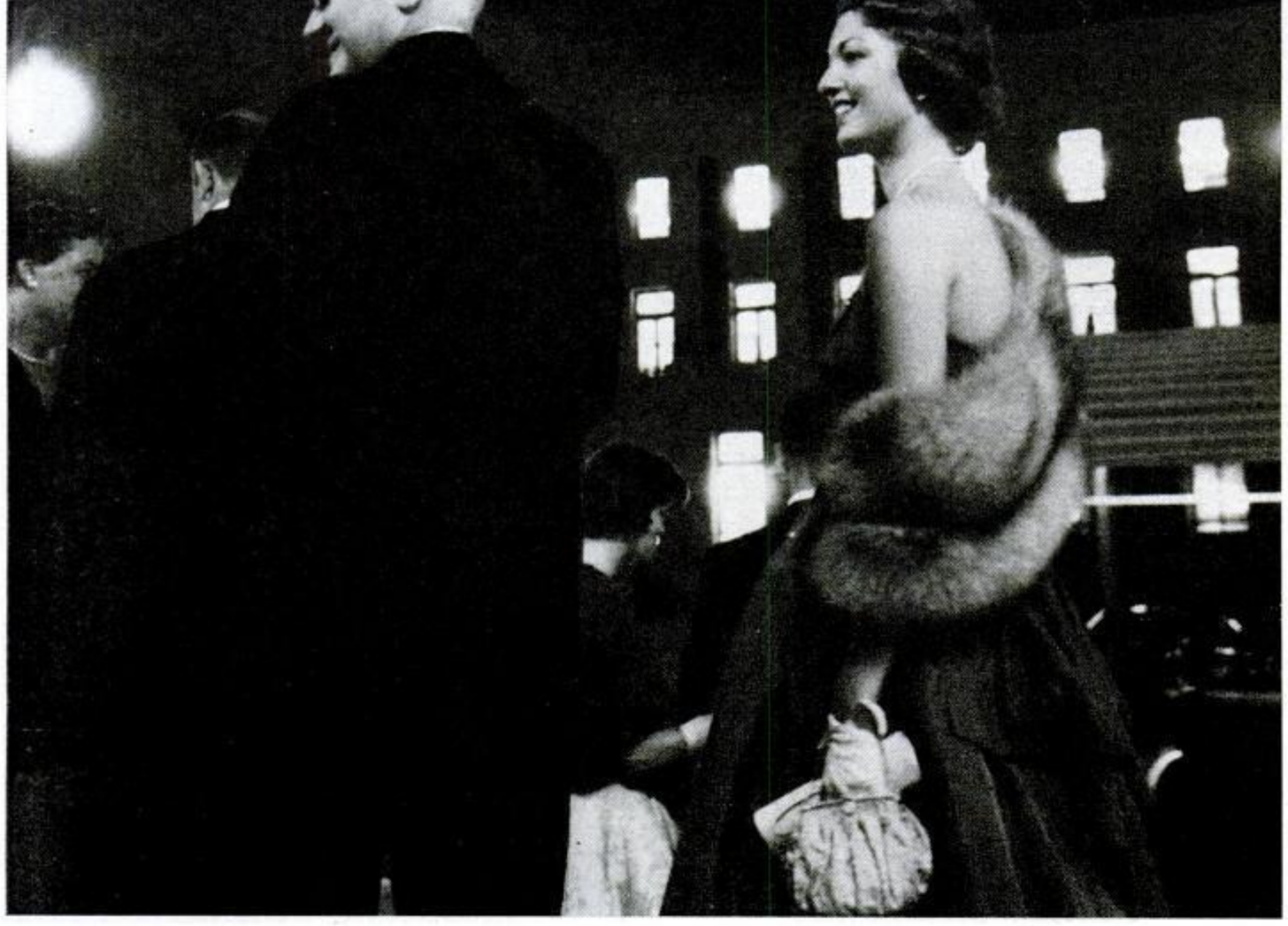
POLITICAL LEADERS meet as Vice President chats with California Governor Knight and wife.

CASUAL CHATS, A CHALLENGE

Beyond the all-day business sessions, the conference delegates had a busy social schedule, but these events were less a diversion than a chance for informal talks. Said Chairman Luce, who is editor-in-chief of Time Inc., in closing the conference: "Informal words equally as important as the formal are already . . . inviting thousands of men and women of energy and faith to be of our number in the conquest of the future in freedom's name."

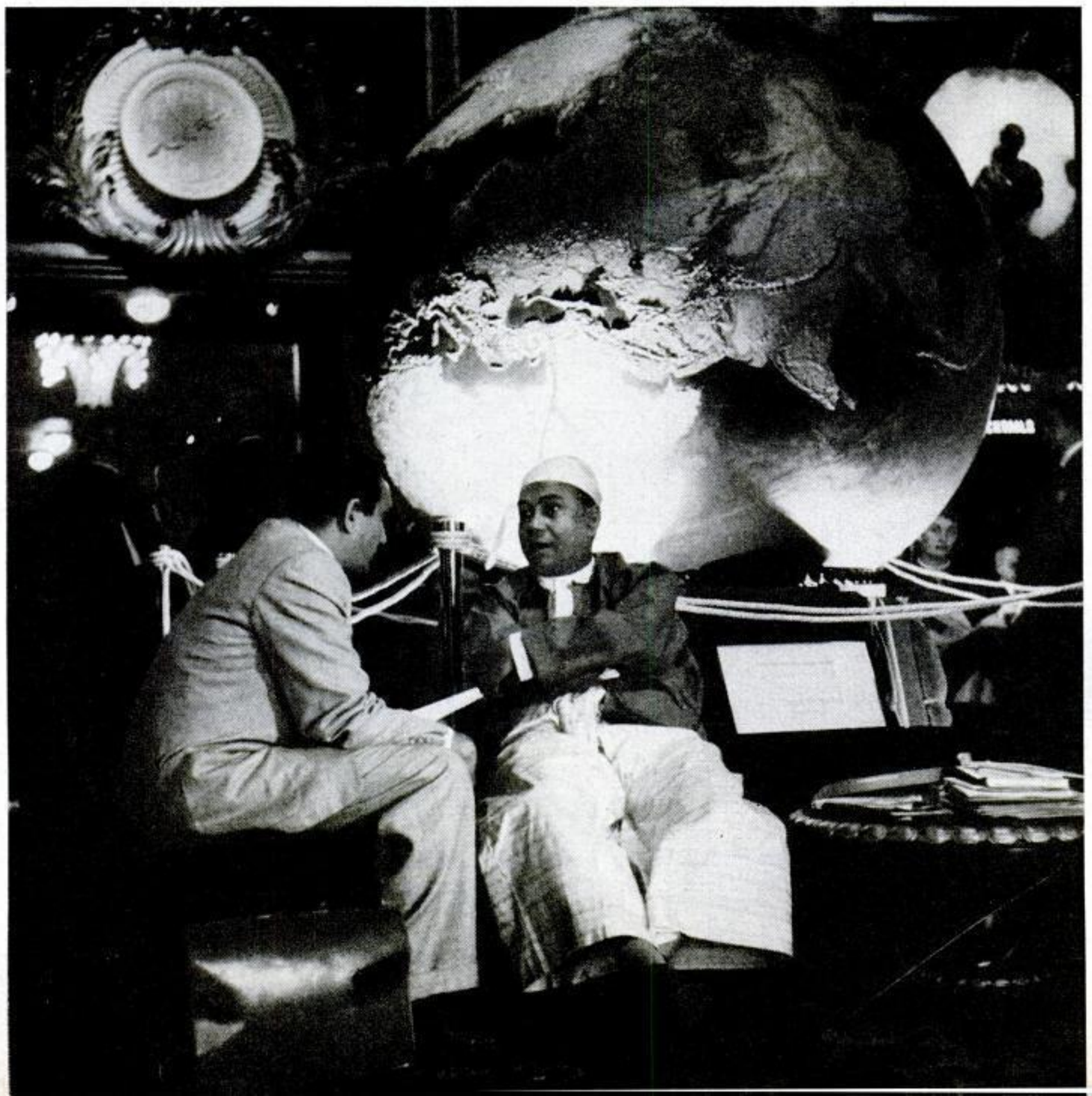
In the U.S., Mr. Luce went on, "we have been faithful to our primary assignment which is to protect the world from catastrophic war and/or Communist enslavement. Even in economic terms we have done things which our grandchildren will read about with pride. But there remains a very serious item of unfinished business: to take a lead in creating a worldwide economic order, adequate for the modern age."

By the end, an Indian delegate had summed up for the conference: "Intercontinental trade . . . may after all prove to be the best safeguard against the intercontinental missile."



OFF TO RECEPTION at city hall, South Africa's John England is guided by a conference hostess.

SYMBOL OF SCOPE of conference, globe is background as Burma's U Aung Sein and newsman talk.



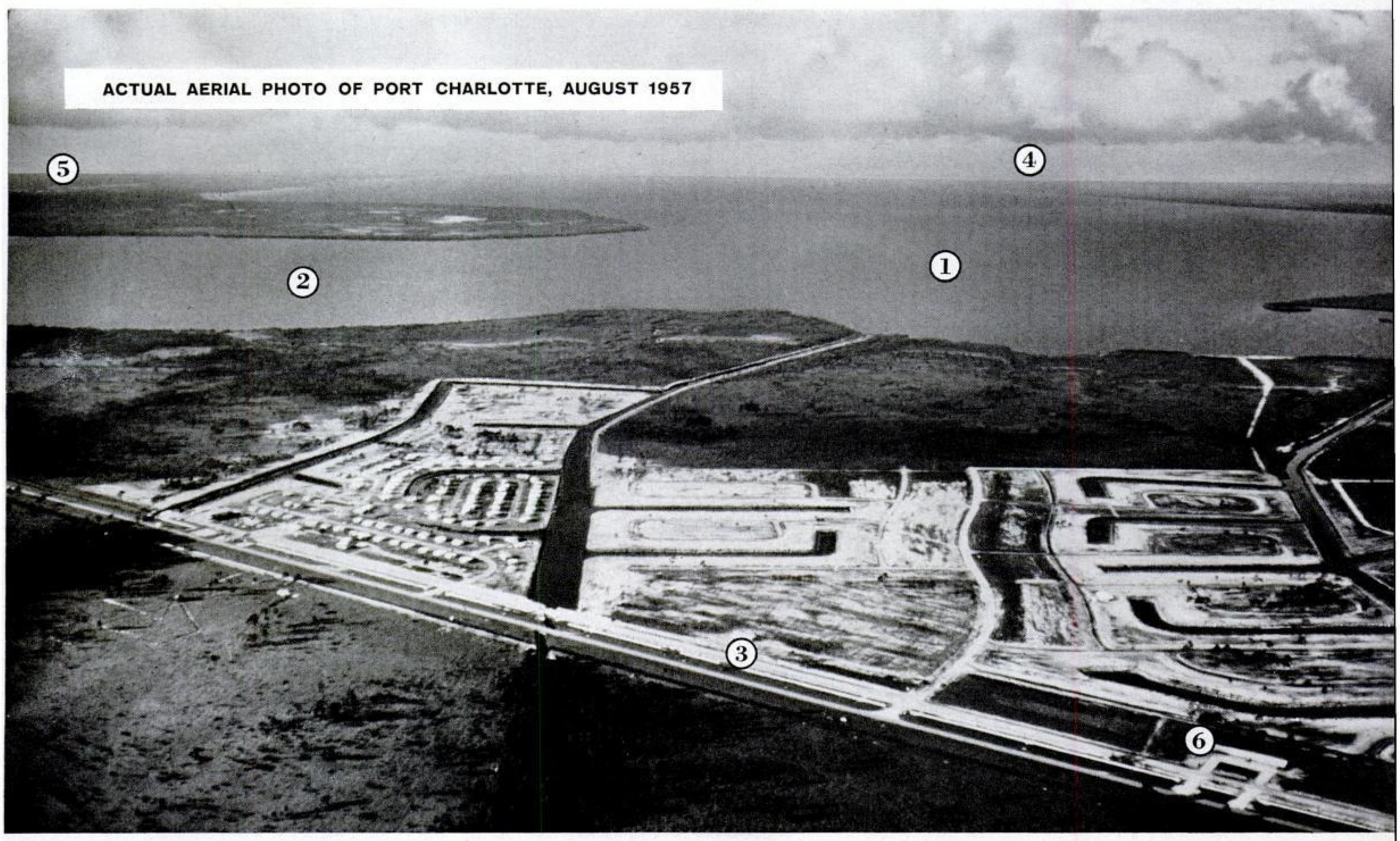


AMERICAN TRIO, Reuben Robertson (Champion Paper) and wife greet Juan Trippe (*right*) of Pan-Am.

EVENING OF MUSIC for delegates, guests is performance of *The Carmelites* by San Francisco Opera. →

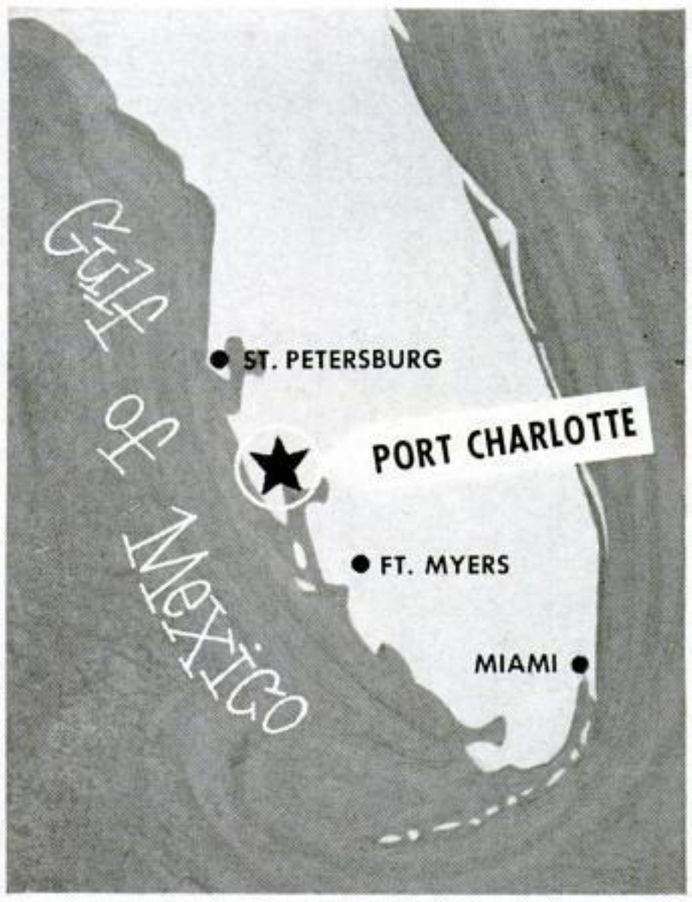
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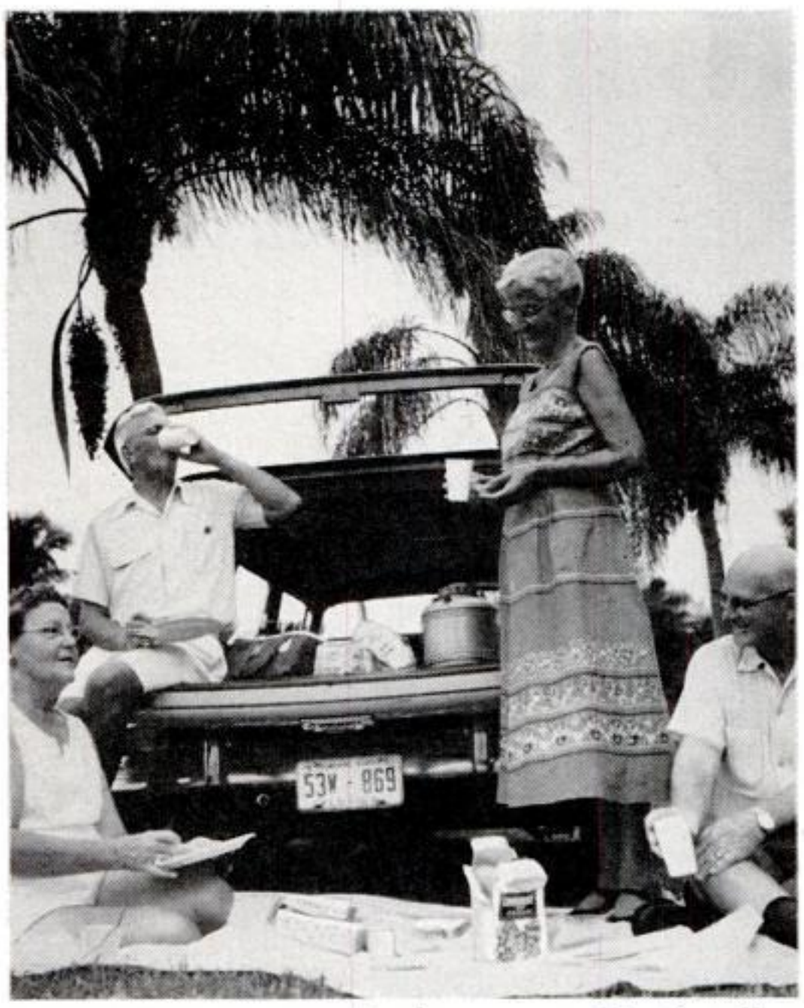
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HOW PHOTOGRAPHIC DETECTIVES SOLVED SECRET WEAPON MYSTERY

One of war's best air intelligence experts tells full story of brilliant British feat in finding Nazi V-bombs

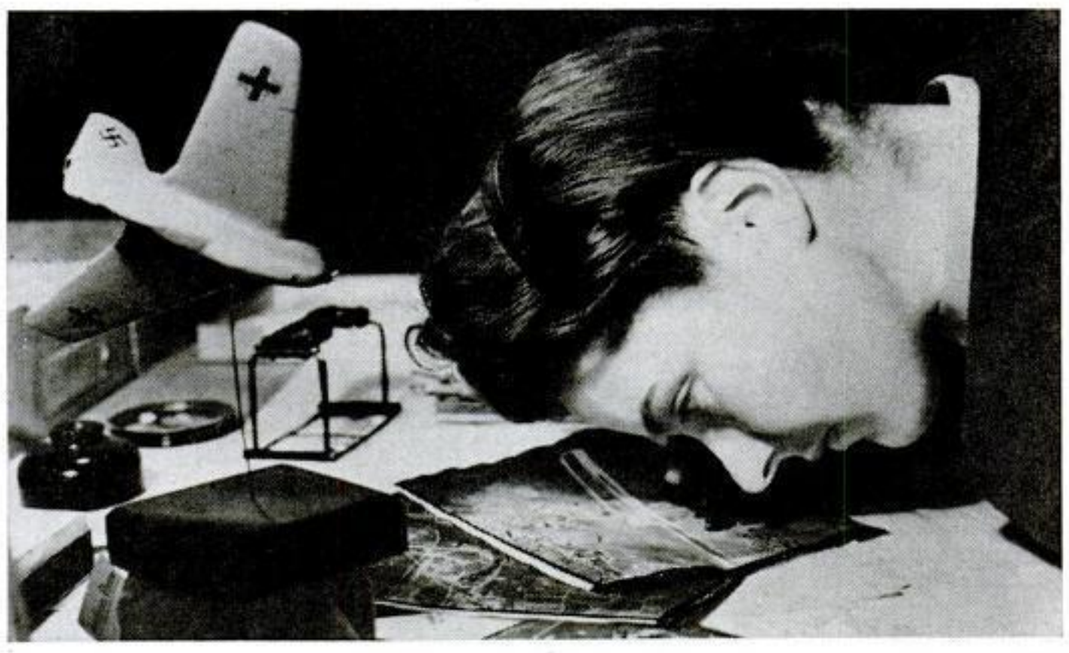
by CONSTANCE BABINGTON-SMITH

Up-to-date information about military and scientific developments in other nations is today more than ever a vital element in the great space race between the free and the Communist worlds. The article that follows recounts one of the most remarkable information-gathering exploits of World War II. Although new methods have since been developed, the basic problem is the same: to fit together seemingly unconnected bits of information until, in experts' hands, they give an accurate picture of what is really going on. Since the British data described here was obtained by aerial reconnaissance, this account casts light also on the air inspection and photographic interpretation techniques which lie at the heart of President Eisenhower's Open Skies disarmament program—techniques which will become even more critical when photographs are taken from space satellites.

A GREAT detective melodrama preceded Britain's battle against the German V-weapons of World War II. Today everyone remembers those two V-weapons: first came the jet-powered V-1 pilotless aircraft, the dreaded "buzz bomb" that killed thousands of people in London and other British cities in the weeks after the Normandy invasion. Then came the devastating V-2 rocket that plunged without warning out of the skies. But for a long time the British knew these devices only as mysterious secret weapons they would someday have to defend themselves against. Before they could devise adequate protection against the weapons, they had to learn what they were. Before they could destroy them, they had to find the launching sites. In both of these vital operations the photo intelligence base at Medmenham, England played a major—and, until now, largely secret—role.

Of course, photographic intelligence was only one of many sources of information that ultimately enabled officials to take decisive action against the V-bombs. The story I have to tell is not about how photographic intelligence solved the mystery singlehanded without missing a single clue. It is rather a strangely paradoxical story of this one agency's conspicuous successes and conspicuous failures. As a WAAF officer at Medmenham in charge of a section devoted to interpreting aircraft photos, I took part from the beginning in both successes and failures.

It all began on May 15, 1942 when a reconnaissance pilot on his way to Swinemünde, Germany noticed an airfield on the Baltic island of Usedom with a number of new installations nearby. He switched on his cameras for a short run. When his photographs were developed, they started through the regular photo interpretation procedure. This had been divided into three phases. First Phase interpreters concerned themselves only with matters of urgent tactical importance. When First Phase finished examining the pictures from a reconnaissance sortie, they were passed along to the Second Phase, where they were looked over for subjects of immediate, but not urgent, interest. The photos then went to a final group which specialized in intelligence of long-range, strategic importance. I was in this Third Phase.



THE AUTHOR, a granddaughter of the ninth Earl of Elgin, was a WAAF flight officer who was described in a special citation by President Truman as "the outstanding Allied authority in the interpretation of photographs of aircraft." Among her secret weapons discoveries during the war was the German Me-163 rocket plane, a model of which appears at left. The accompanying article is based on a chapter from her book, *Air Spy*, published this week by Harper and Brothers ($4).

Second Phase interpreters who examined the Usedom photographs puzzled over some huge circular embankments (*opposite page*) in the wood near the airfield. Finally they merely noted down "heavy construction work" and turned their attention to matters of more interest to them. When I got the airfield pictures for the Third Phase examination, I was struck by the same circular embankments. I checked quickly to see where the airfield was and noticed the name, Peenemünde, in the northwestern part of Usedom. Then I looked at the prints again. "No," I thought to myself, "those don't belong to me. I wonder what on earth they are. Somebody must know all about them, I suppose." And I then dismissed the whole thing from my mind.

When the pictures had finished their rounds, no one had staked a claim to the mysterious circular embankments at Peenemünde, and the cardboard boxes full of photographs were set on a shelf. There they rested for the next eight months.

Meantime, as we now know, German specialists were working day and night at Peenemünde. The first fully successful trial launching of a V-2 took place there on October 3, 1942, and in December an early version of the V-1 buzz bomb was launched.

That same December intelligence reports of "secret weapon trials" in the Peenemünde area began to cause concern in London. In February 1943 the War Office told us of indications that the enemy was planning to operate "some form of long-range projector, capable of firing on this country from the French coast." This would obviously have to be a new kind of weapon. What photographs were on hand involving something of a very unusual nature? Almost immediately someone remembered Peenemünde. What about the "heavy construction work," which had meant nothing to anyone the year before? Soon a further briefing came from the War Office, where it had been calculated that a rocket capable of reaching London from the French coast would have to be launched from a sharply inclined projector about 100 yards long.

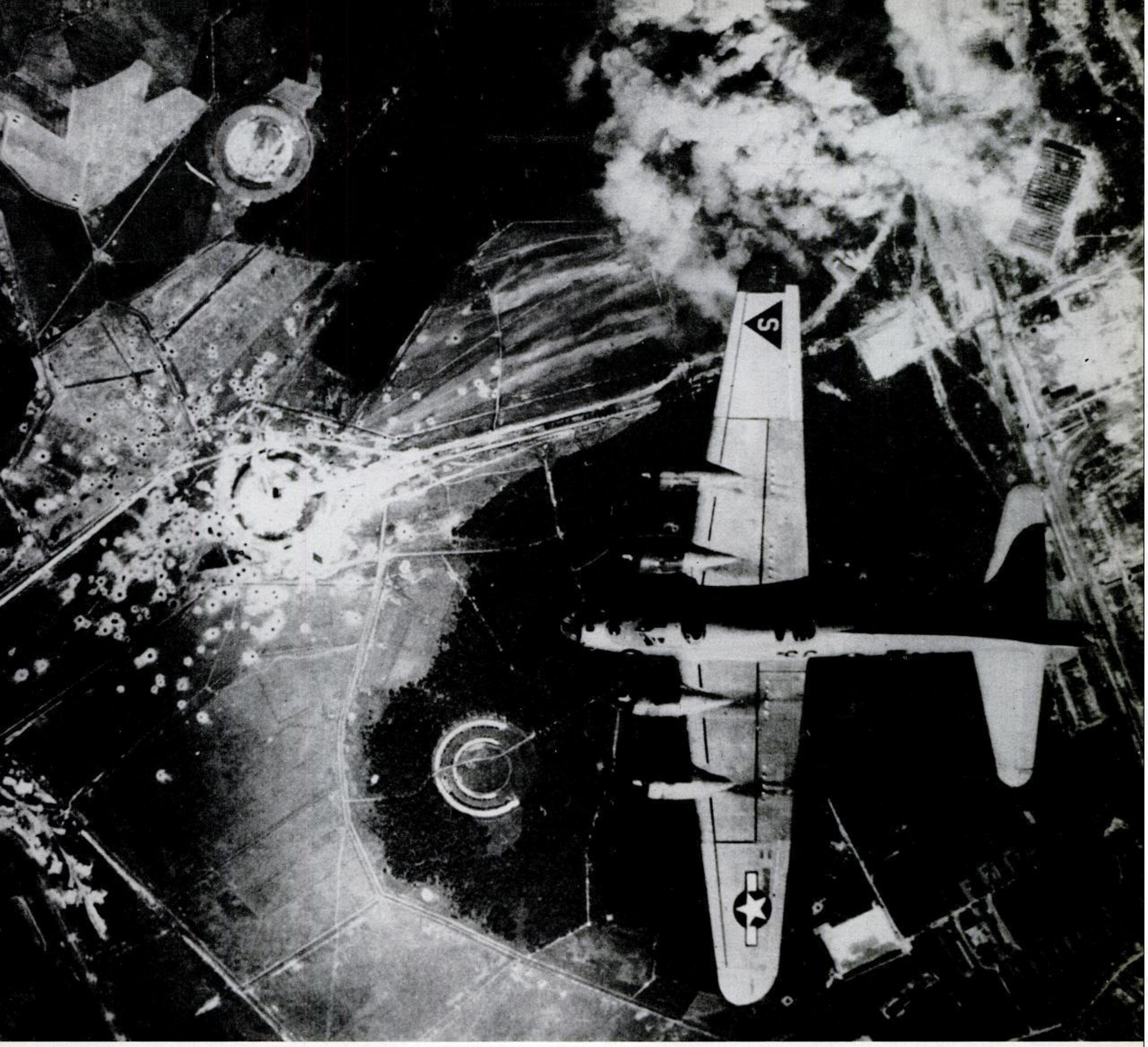
Medmenham photo interpreters prepared a detailed statement, based in part on several new Peenemünde "covers," or sets of reconnaissance photographs. They reported the existence of the three circular embankments "not unlike empty reservoirs"—and also a huge elliptical embankment some distance away. These were facts, but they did not in the least tally with the hypothesis of a projector 100 yards long. Nothing seemed to tally with anything.

Such was the embryonic stage of British Intelligence on secret weapons when, early in April 1943, the evidence was presented to the Chiefs of Staff. But it was convincing enough to bring about the appointment of an investigator-in-chief, Mr. Duncan Sandys, then Joint Parliamentary Secretary to the Ministry of Supply and now Minister of Defense. Repercussions were felt at Medmenham immediately. The Air Ministry instructed photographic intelligence to institute a secret weapon investigation on the highest priority. Four photographic interpreters were assigned to search for clues to experimental work or production, especially at Peenemünde. Three others were to watch potential launching areas on the French coast. A special British-U.S. flying program was laid on to ensure that every square mile of the coastal area from Cherbourg to the Belgian frontier had been photographed since the beginning of the year.

So the photographic search for secret weapons began in earnest in April 1943. No one really quite knew what to look for, although the Air

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THE SECRET V-WEAPON BASE at Peenemünde, its purpose uncovered by British photo intelligence, is bombed by a U.S. B-17. The three rings, formed by circular embankments, were noted in a reconnaissance picture and helped draw attention to the site. Rings were found to be test stands for V-2s, other weapons.

Ministry did suggest that the interpreters watch for three things: a long-range gun, a remotely controlled rocket aircraft, and "some sort of tube located in a disused mine out of which a rocket could be squirted."

On April 29 Flight Lieut. André Kenny set off for the Ministry of Supply to present to Sandys the evidence available on Peenemünde. Kenny spread out plans of the whole area and showed Sandys power installations, workshops and other clear indications that large-scale production of some kind was planned there. Then all eyes turned to the focal point of interest, the monumental circular earthworks in the woods, and Kenny explained how he had come to the conclusion that the structures within some of the earthworks might well be test stands for launching missiles. Sandys was much impressed.

The 'thick vertical column'

FOUR times in June Peenemünde was photographed. The first cover, taken on June 2, was a good clear one, and Kenny could report quite a lot of new detail, including a "thick vertical column about 40 feet high" on a fan-shaped stretch of open foreshore adjacent to the big elliptical embankment. And then on June 23 a pilot came back with exceptionally good photographs. A rocket—an actual rocket—was visible, lying horizontally within the confines of the elliptical earthwork. Even today, after 14 years, that superbly clear photograph (*see picture, p. 129*) makes it easy to imagine the stab of discovery Kenny must have felt when he saw it.

The setting was clear in every detail. Above the rocket towered a structure resembling a massive observation platform, and the steep encircling slope of the earthwork might have been some sinister Germanic stadium. Beyond the great oval were the woods, and seaward, at the end of an approach road, there was that fan-shaped stretch of shore on which the "40-foot column" had been sighted earlier.

This discovery greatly impressed Prime Minister Churchill, and he immediately directed that photographic intelligence should make a maximum contribution to the secret weapon investigation.

It was at this point, in June 1943, that I myself was first able to say something positive about the experimental work at Peenemünde, for on the same sortie that showed that first rocket, several pictures were taken of the airfield. My instructions were to watch for "anything queer," and the little tailless airplane that I found taking the air on June 23 looked queer enough to satisfy anybody. We provisionally named this plane the "Peenemünde 30" (*see picture, p. 130*); it actually was the Messerschmitt liquid-rocket fighter, the Me-163. This was our first notice of it—but it

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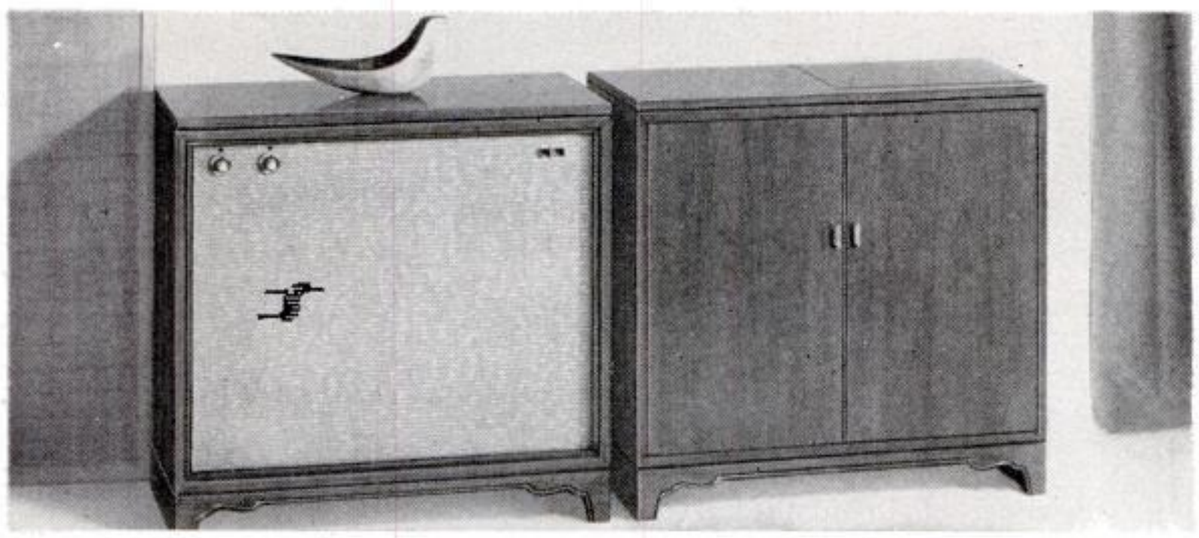
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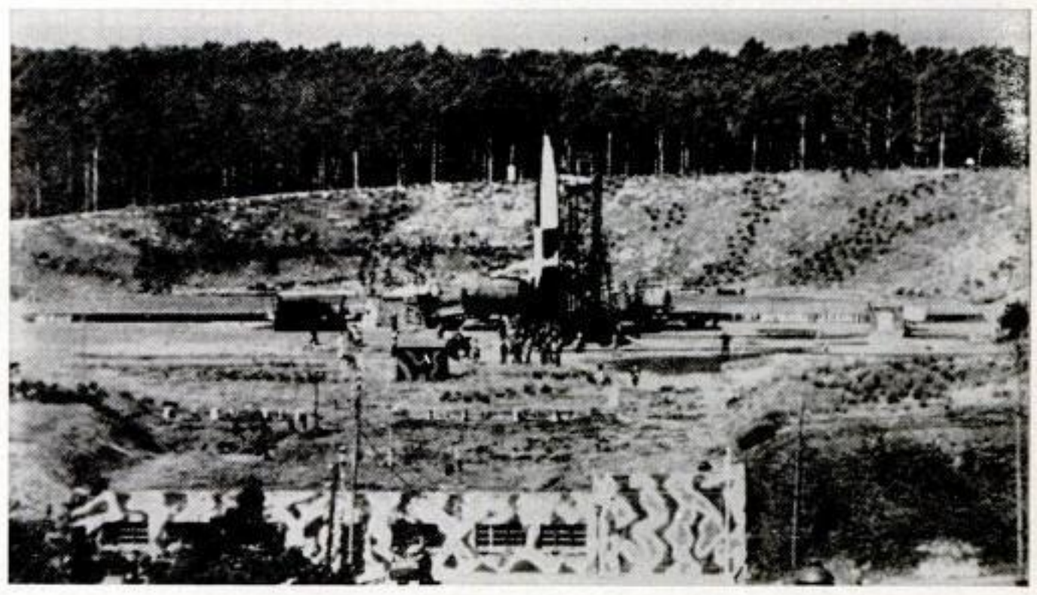


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FIRST V-2 ROCKET (1) and rocket-carrying vehicles (2) (*above*) discovered by photo interpreters were within an elliptical earthwork at Peenemünde. This area was used for ground-testing rockets, as shown in German photo below. Fan-shaped area seen just above ellipse was an asphalt V-2 launching site.



V-BOMB PHOTO SEARCH CONTINUED

was not the first time it had been photographed at Peenemünde, as I found out within a few hours by turning up all the previous covers.

The process of going back over earlier photographs was an important part of the V-weapon investigation. Each new discovery was likely to throw light on earlier photographs which had meant nothing when they were first examined. So it was in the case of my tailless aircraft. Peenemünde airfield had been photographed 11 times before June 23, and I had struggled in vain to find anything useful to say about those woolly-looking pictures. But now I could go back to the earlier sets and pick out pale, blurred little shapes which were almost certainly the same strange Peenemünde 30 flying machines.

Duncan Sandys had already reported to the War Cabinet that the development of rocket aircraft was probably proceeding side by side with the work on jet-propelled bombs and "airborne rocket torpedoes." The photographs of the Peenemünde 30 definitely confirmed this—although we now know, of course, that it did not have any direct bearing on the secrets of the V-1 and V-2.

Meanwhile reconnaissance photographs of northern France were providing ominous evidence. Early in July a ground report had reached London linking secret weapon activity with a village named Watten near Calais. New photographs showed that work was well advanced on what was clearly going to be some gigantic concrete structure. Suspicious looking preliminaries were also under way at two other places, and all three sites were rail-served from main lines—a fact to which many of the British rocket experts attached great importance. For by this time they were talking of 40-ton rockets, and they were sure that such missiles would have to be transported by rail.

These theories were by no means universally accepted, however. Other authorities were convinced that a pilotless aircraft—described in one of the ground reports as "an air mine with wings"—was much more likely to be an immediate danger than any large rocket.

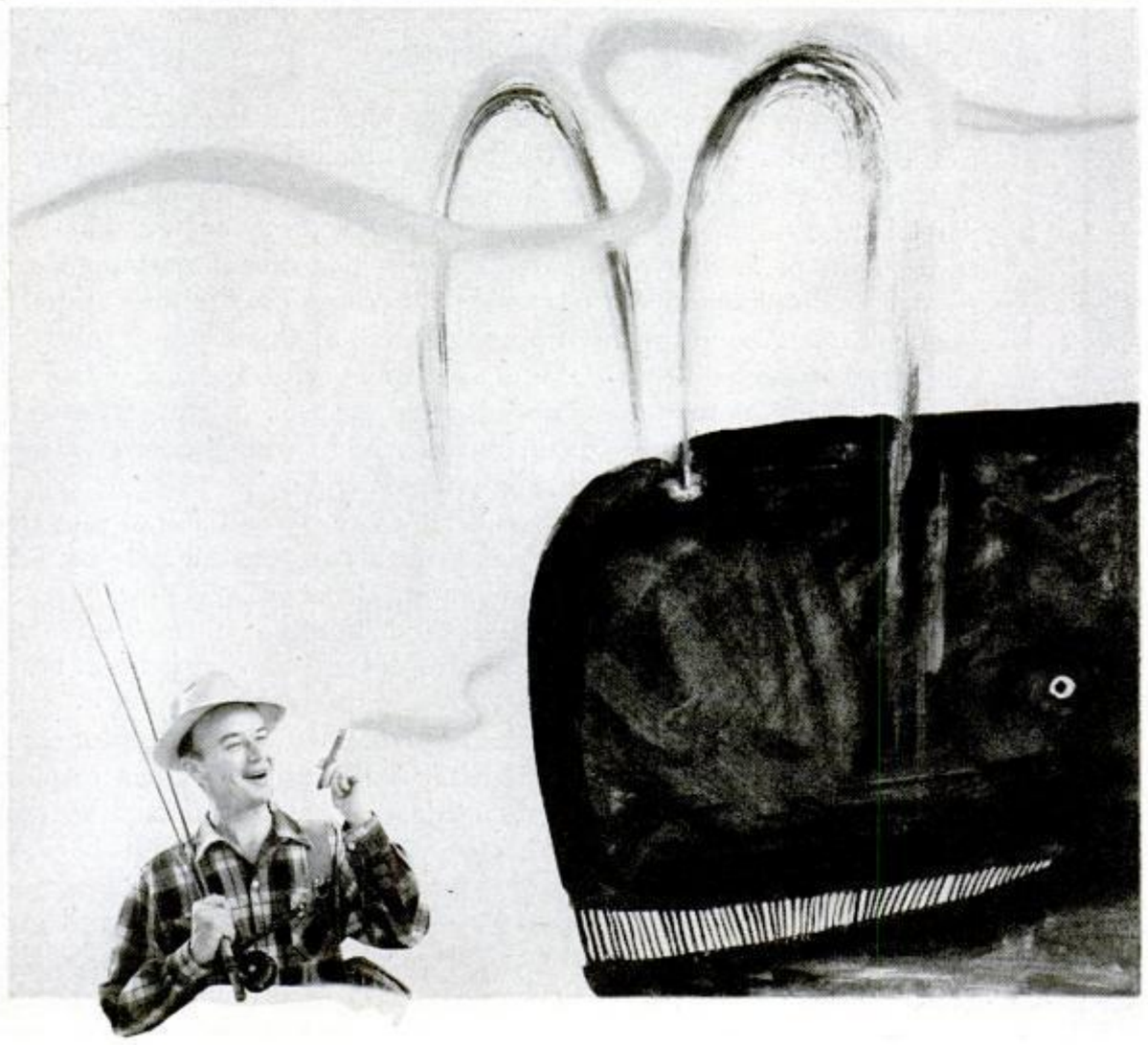
Both in London and at Medmenham it was a time of frustrating confusion in the secret weapon investigation, which now had the code name *Bodyline*. It was as though the parts of two or three jigsaw puzzles had been jumbled together, and it was sorely tempting to try to find only *one* answer—only *one* weapon.

The information that had been turned up by photographic reconnaissance at this point can be swiftly summarized. We knew that some

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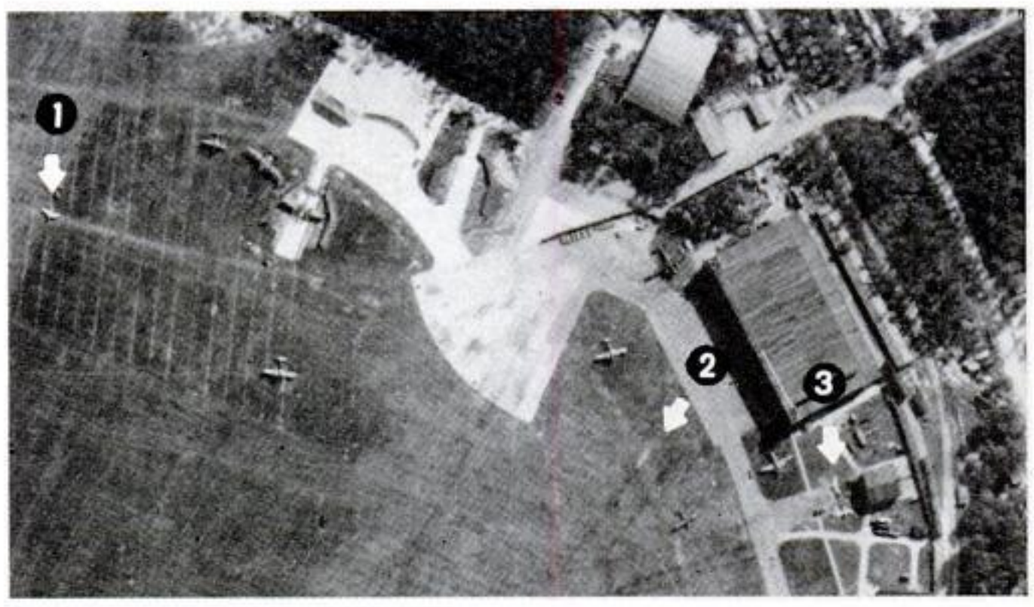




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GERMAN ROCKET PLANE, Me-163, first called the "Peenemünde 30," was discovered in a photograph of Peenemünde airfield (*above*). One is visible in take-off position (1), another is parked near a hangar (3). Dark streaks on the ground (2) are blast marks from previous flight. Plane itself, used only in last months of the fighting in Europe, was displayed in Britain after war (*below*).



V-BOMB PHOTO SEARCH CONTINUED

kind of secret development work was being carried on at Peenemünde, that rockets and tailless aircraft were to be seen there, and that three circular earthworks and an elliptical one had been constructed which apparently contained some kind of launching apparatus. We also knew that a mysterious site had been constructed at Watten in northern France. Beyond that we knew nothing.

In any case, there was no question that the secret weapon threat was a grave one. Accordingly, on the night of Aug. 17, 1943, the RAF Bomber Command struck Peenemünde: 40 aircraft were lost, but the resultant destruction seriously delayed the whole V-2 program.

Then 10 days later, on Aug. 27, the U.S. Eighth Air Force bombed Watten. The attack on the launching site for V-2s, which is what it was, could not possibly have been better timed, for a huge mass of concrete was in process of hardening when the bombs came down, and within a day or two a chaotic jumble of steel and planking was utterly immovable in the hardened concrete. Sir Malcolm McAlpine, the eminent construction expert, who was asked to comment on the damage assessment photographs, said, "It would be easier to start over again."

Medmenham officials redoubled their efforts, poring over photographs in an eager search for any new *Bodyline* finds: any new "unidentified activity," any trees being felled in the woods of the Pas-de-Calais, the coastal area directly across the Channel from Dover, any dumps of building materials in the little valleys of the Cherbourg peninsula—and especially any signs of new railway spurs.

Almost every day sinister new activities turned up in France. At one place a railway spur was being tunneled through a hill and was covered by three phony haystacks. At other places there were burrowings and scrapings and, again, new railway spurs. But all were at such an early stage that they might develop into almost anything.

On October 21, Duncan Sandys decided the rocket danger was so grave that the whole suspect area must be rephotographed. About 100 sorties were flown. In early November the effects hit Medmenham. Each sortie consisted of hundreds or thousands of photographs, every one of which had to be scanned with care. Daily the files stacked up in towering mountains around Captain Robert Rowell, the interpreter whose job it was to "watch France." Doggedly he plowed through the piles of prints, searching primarily for rocket launching sites.

Into this rocket-conscious atmosphere there came suddenly on Nov. 4, 1943 a major discovery which at first did not seem to fit in anywhere. A few days earlier a secret agent in France had sent word that the construction firm he worked for was building eight sites of some kind in the Pas-de-Calais area. He could not understand what

CONTINUED

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they were for, though he strongly suspected that they had to do with secret weapons. On Nov. 3 these eight sites were photographed.

When the specially flown sorties arrived at Medmenham, Captains Neil Simon and Robert Rowell puzzled together over the pictures. There was something "starting" all right at each of the eight pinpoints, and it was evidently the same "something" in each case. But there was no railway anywhere near.

Some weeks before, Wing Commander Douglas Kendall had been placed in charge of the entire Medmenham V-weapons investigation. Late that evening Kendall joined Simon and Rowell in examining the eight sites. Each one was partly in a wood, and each apparently was to have a set of nine buildings, some of them strangely shaped. The site which was furthest advanced (see picture, p. 134) was near Yvrench, in a wood called Bois Carré. Three of its buildings were unlike anything Kendall had ever seen. Except—yes—they *were* like something.

"Skis," he said aloud. "That's what they look like—skis." Two of them seemed to be identical; the third was shorter. Each of them had one gently curving end—curving not up but to the side.

Through the early hours of the morning the *Bodyline* interpreters measured and checked, compared and discussed. But these new sites bore no relation to anything else that had been found so far.

When the report on these eight curious sites reached London, it added new fuel to the flames of controversy that were raging more fiercely than ever in *Bodyline* circles. The two schools of thought about secret weapons were by now coming into conflict. Sandys himself led the group which believed that the long-range rocket was the only weapon that really mattered. The other group was more concerned about pilotless planes. There were scientists and cabinet members in this group who even maintained that Peenemünde was a gigantic hoax and that the rockets photographed there were dummies.

At this point things had reached such an impasse that Mr. Churchill himself intervened. He appointed Sir Stafford Cripps, then Minister of Aircraft Production, to examine the facts and decide whether the German secret weapons really existed at all and, if so, what was the nature and extent of the threat. A meeting was called for Nov. 8, 1943, at which the primary evidence was to be examined.

Analyzing the V-weapon clues

IT was a dramatic meeting. In the big conference room at the cabinet offices, Sir Stafford sat at the head of the great U-shaped table, and on either side of him was a splendid array of generals and admirals and air marshals and distinguished scientific advisers. At one side of the table, in the bottom three places, were Douglas Kendall, Neil Simon and André Kenny.

The first evidence to be presented consisted of reports from agents and other secret sources. It was, on the whole, vague and lacking in detail. So was the analysis of German propaganda that followed. It is a startling thought that this represented the sum total of primary evidence from sources other than aerial photographs. If the photographic interpreters had not been waiting at the bottom of the table, those vague ground reports and the analysis of propaganda would have been the only basis for Sir Stafford's judgment.

As it was, however, the better part of the meeting was spent discussing the photographic evidence.

First Kenny spoke about Peenemünde, the rockets that had been seen there and the effects of the RAF attack. Then Kendall described what had been found at Watten and certain other sites in France. For a time the ski sites were not mentioned. But at last there was a pause and Sir Stafford asked one more question.

"Apart from the heavy sites, have you any other information to suggest secret weapon activity in northern France?"

"Yes," replied Kendall, "we have."

The attention of the meeting, which had been wilting, was suddenly electrified. "What have you found?" Sir Stafford asked.

"A new sort of installation, almost certainly a launching site of some kind. A whole system of them is being built in the Pas-de-Calais. Up to midnight last night we'd found 19."

"Nineteen!" The word echoed round the table.

"Why do you think they have anything to do with secret weapons?" asked Sir Stafford.

"They are not like any known military installation," explained Kendall, "and they were all started at once. And each of them is apparently going to have a firing point aimed at London."

Sir Stafford immediately adjourned the meeting to give the interpreters time to search for additional ski sites.

By the time the meeting reassembled on Nov. 10 a total of 26 ski sites had been found. But no clues had yet been discovered to show what sort of missile they were meant for. In the report which Sir Stafford Cripps submitted to the War Cabinet a few days later, how-

CONTINUED



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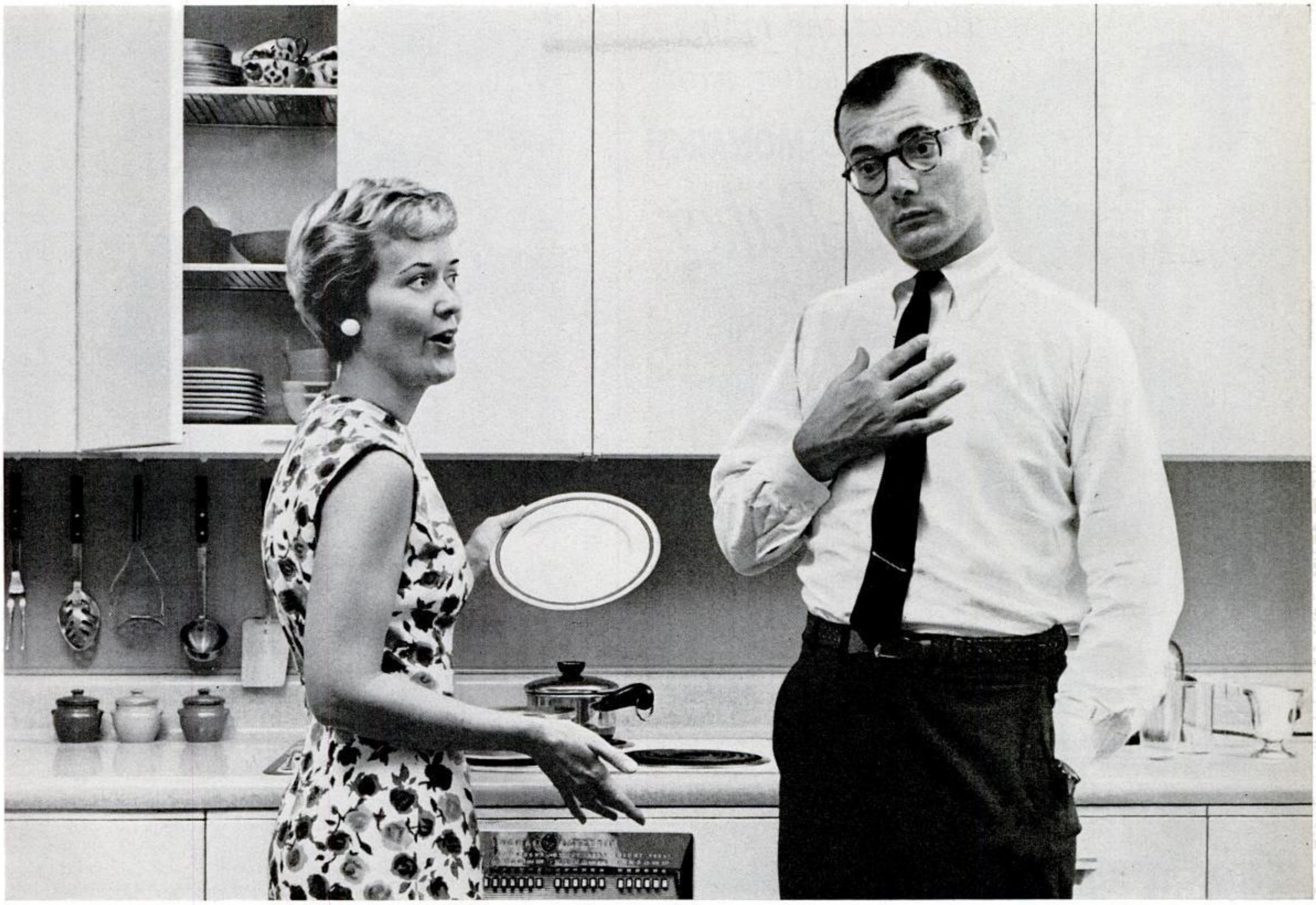
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Ann: A likely story!

Henry: I told her that eight and a half million people own common stock. That you don't have to be rich to own good common stock. That two out of three stockowners have income under $7,500 a year. That –

Ann: If that's what you were talking about, what put that glint in her eye?

Henry: I said there are more than 300 companies on the New York Stock Exchange that have paid a dividend *every year* from 25 years to more than a hundred. And that you can become part-owner of any one of them by buying common stock. And you can own stock for as little as $40 every three months up to $1,000 a month in the Monthly Investment Plan. Wouldn't that put a glint in *your* eye?

Ann: And I suppose that's when she gave you that big sweet smile?

Henry: No, that was when I told her she could have a list of all these stocks, and their records, and which ones have been paying up to 6 per cent dividends, and which ones have increased their dividends over the last ten years, and lots more. All in a little booklet called "DIVIDENDS OVER THE YEARS." And it's free.

Ann: And what were you saying this to *her* for?

Henry: So she would let good old Herb do what we did. I told her how we got acquainted with a broker and made sure he was with a Member Firm of the New York Stock Exchange. One of the nicest fellows we ever met, I said. Took just as much care helping us set up our investment program as if we'd had a lot of money.

Ann: And is she going to let good old Herb invest?

Henry: I had to hold her back. Be sure you use money left over after the bills are paid and you've got emergencies provided for, I said. Remember that stock prices go up and down like anything else. A company may not pay a dividend, may not prosper and grow. So don't act on tips or rumors – always get the facts. And be sure you look into bonds as well as stocks. You know what she said?

Ann: What?

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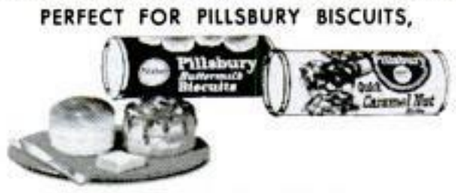
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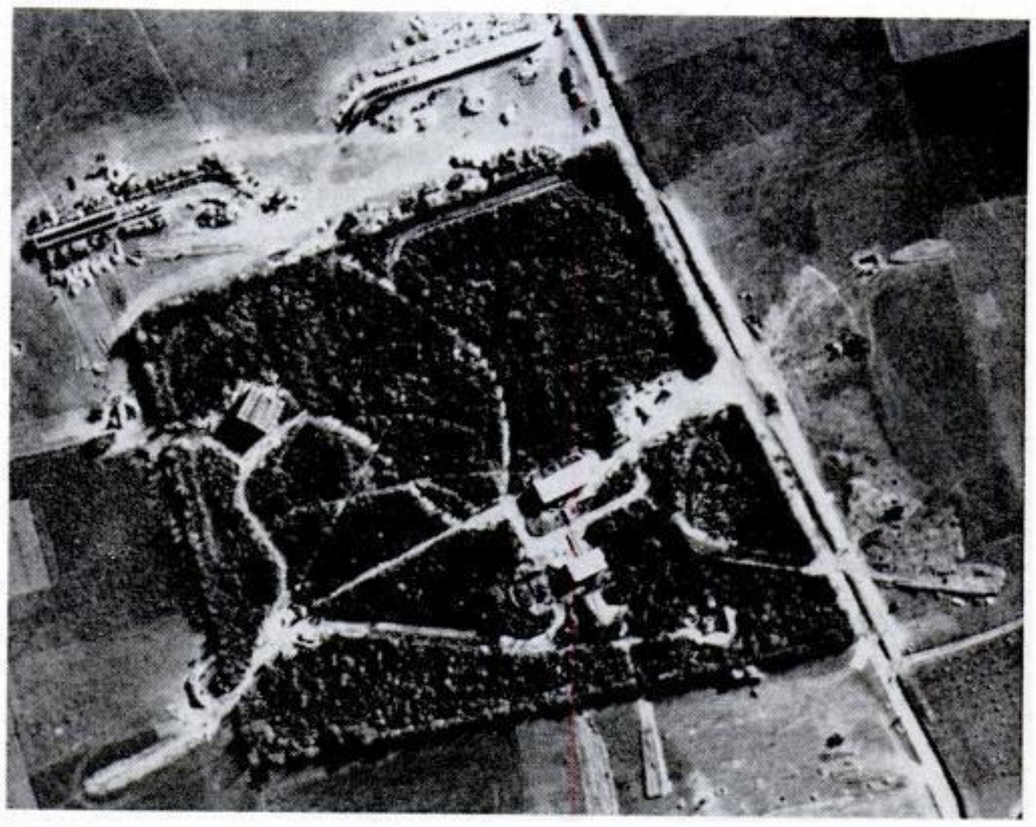
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PUZZLING "SKI SITE" at Bois Carré, France helped British deduce existence of V-1 buzz bomb before seeing it. Launching ramp for bombs was under construction at corner of woods (*lower left*). Ski-shaped buildings at top, one of which was photographed (*below*) from low level, were used for storage.



V-BOMB PHOTO SEARCH CONTINUED

ever, he judged that pilotless aircraft were a more immediate danger than long-range rockets (as indeed they proved to be).

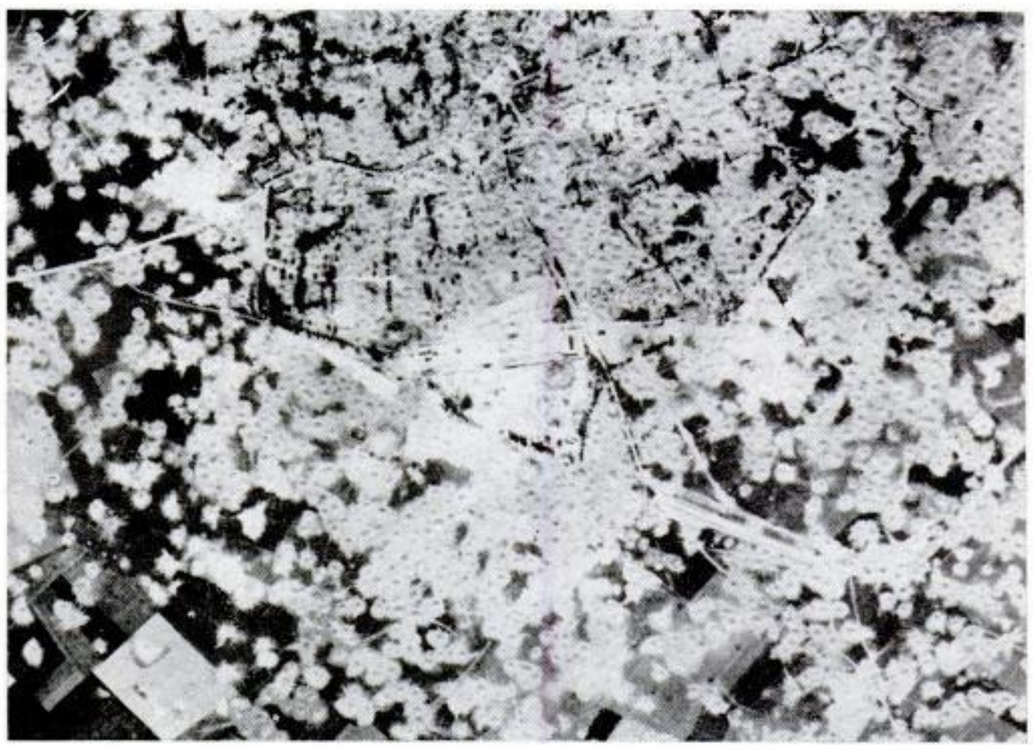
A fortnight after the Cripps meeting no less than 95 ski sites had been identified. Most of them were in the Pas-de-Calais, with their firing points on the "London line," but there were also groups in the Cherbourg peninsula aiming at Plymouth and Bristol.

"We've *got* to find out what they're for and how they work," said Kendall to Major Norman Falcon one evening. They were joined by Captains Robert Rowell and Neil Simon, and the four of them, surrounded by a sea of photographs, plunged once more into argument.

Kendall put the latest cover of the Bois Carré site under a stereoscope to get a three-dimensional effect and gazed again at the absurdly long ski buildings. They were nearly 260 feet long but only 10 feet wide. Then he examined a different pair of photographs which showed an oblong platform with an extension on which was a row of concrete studs—six pairs of them, 20 feet apart.

Falcon spoke: "If you were going to put up an apparatus for launching rockets, at a steep angle, you wouldn't start by making a platform with a long row of concrete studs."

CONTINUED



DEMOLISHED "SKI SITE," one of many launching areas found in France by photo-reconnaissance airplanes, was blasted by Allied bomber formations.

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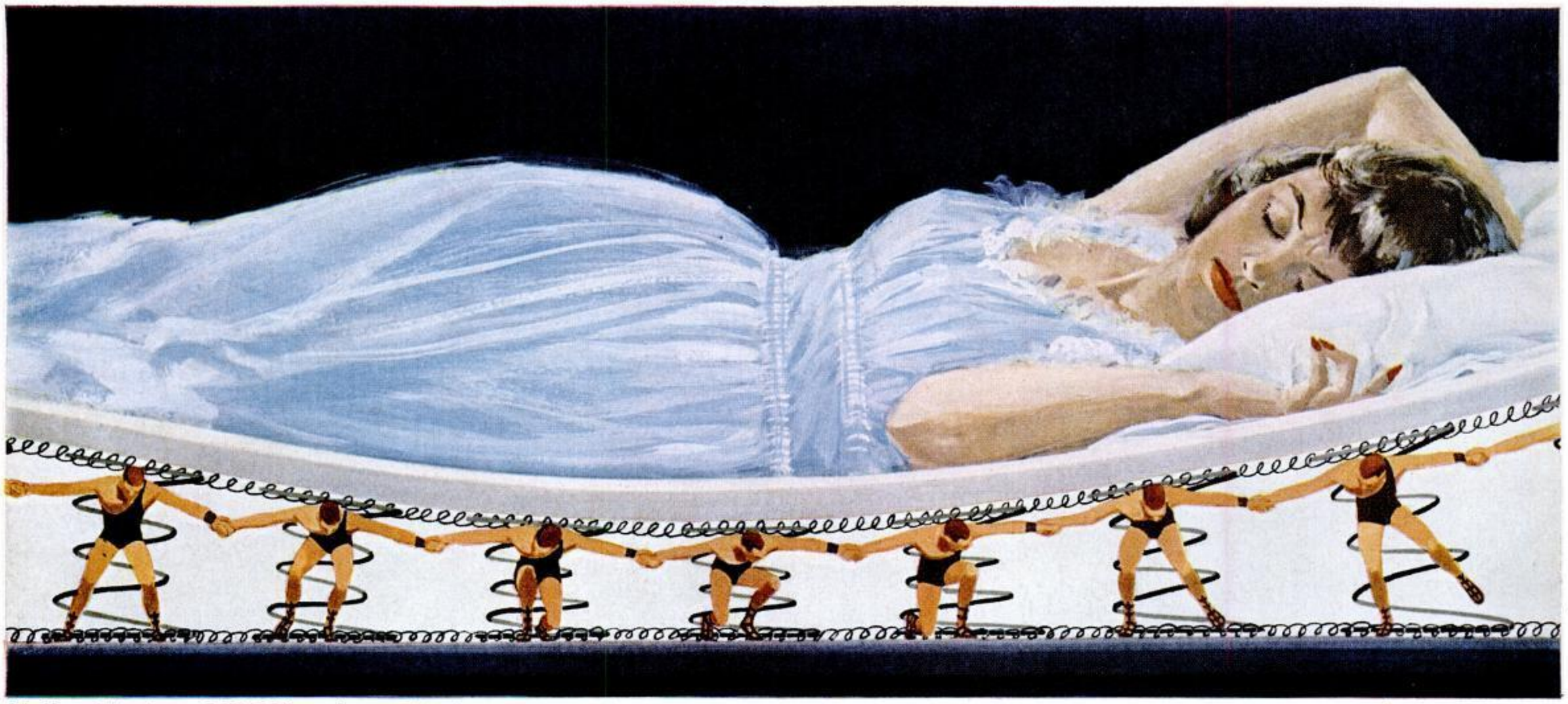
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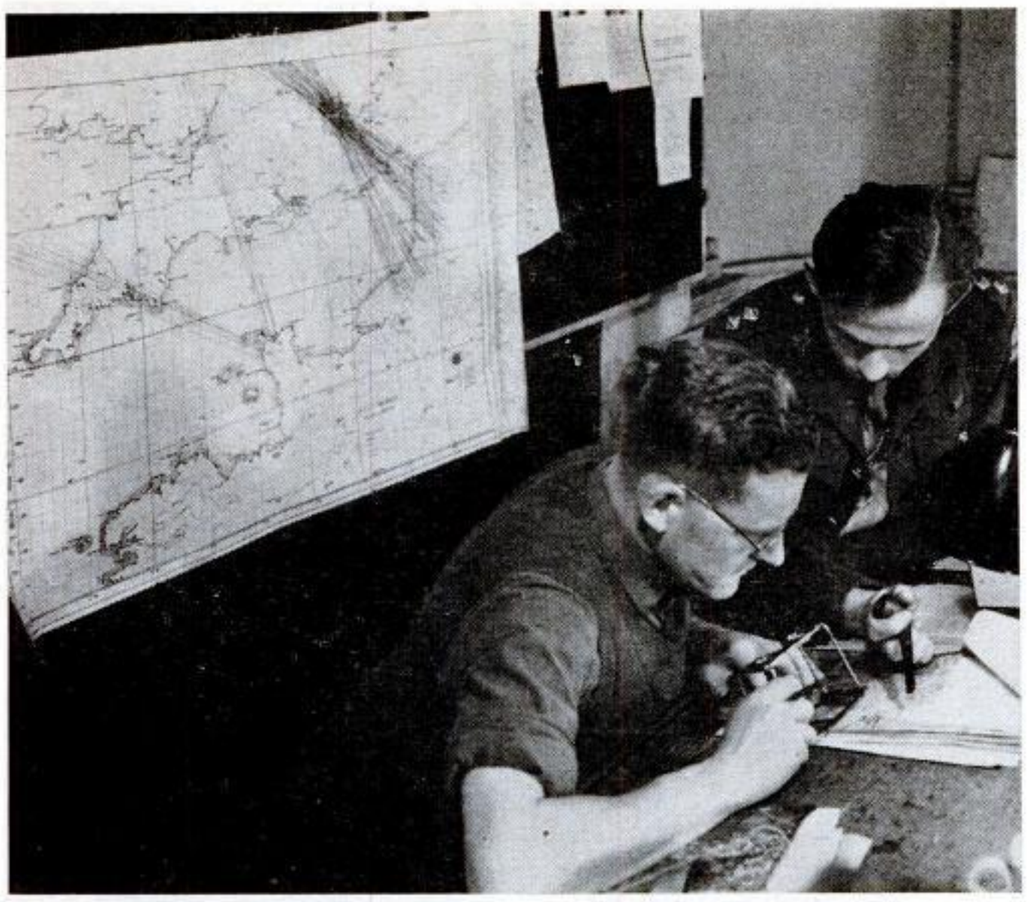


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AIMING LINES of V-1 launching sites on the French coast are shown on wall map. Almost all of the lines, projecting from coastal sites, converge over the British capital. At right, Captains Robert Rowell (with stereoscopic viewer) and Geoffrey MacBride examine new reconnaissance photographs.

V-BOMB PHOTO SEARCH CONTINUED

"Those studs are just the sort of foundations you'd need," said Rowell, "if you were going to support something like a bridge."

"A bridge," repeated Kendall, "perhaps a sort of inclined bridge."

"In other words a ramp," Falcon said. "And that wouldn't be any use at all for launching rockets, because a rocket launched at such a low angle would fall to the ground almost at once."

"But if the thing had wings to give it a lift," suggested Kendall, "then you would *want* to launch it from a ramp."

"You couldn't get a missile with wings around the corners of the ski buildings," Simon pointed out.

At this impasse they went on to consider a square building which in every case was placed exactly in line with the firing point. Kendall turned up some low obliques of the Bois Carré site which showed the square building very clearly, its wide entrance facing toward London.

"What's the width of the door?" he asked Simon.

"Twenty-two feet across."

"Twenty-two. Hm. So just supposing the missile had its wings put onto it in this building, its wing-span would have to be less than 22 feet. Right?"

"And if the wings weren't put on till the last minute," added Falcon, "the components could be stored in the ski buildings."

"But why should the square building be so carefully oriented to London?" said Kendall. "It must be something to do with setting the directional control. The missile *could* have a magnetically directed automatic pilot, I suppose."

The more they discussed this possibility, the more sense it made. Before the end of November Kendall had issued a report suggesting that the missile to be fired from the ski sites was a flying bomb. He also described in detail the likely firing procedure. The ski buildings, he deduced, were built in that strange shape so that it would be possible to store the highly explosive flying bomb components away from the entrance way—around the corner, so to speak—where they would be protected from bomb hits in the event of an air attack. This was a remarkably correct deduction as to the purpose and significance of the V-1 installations.

But Kendall's seemingly overconfident interpretation was not immediately accepted by some who were still thinking solely in terms of rockets. On Dec. 1 Kendall and Simon were summoned to an intelligence meeting at the cabinet offices to try to justify their theories.

I must now go back a little to describe the stage my own work was reaching. First I should emphasize that until November 1943 my direct contact with *Bodyline* consisted of two things only: my instructions to watch Peenemünde airfield for "anything queer" and my discovery of the Peenemünde 30. I had no idea that Kenny had found rockets, I knew nothing of the meeting with Sir Stafford Cripps, and the words "ski site" would have had no meaning whatever for me.

On Nov. 13, however, Kendall had asked me to search afresh at Peenemünde for a small aircraft—smaller than a fighter—which might be pilotless. Something smaller than a fighter would show up only on

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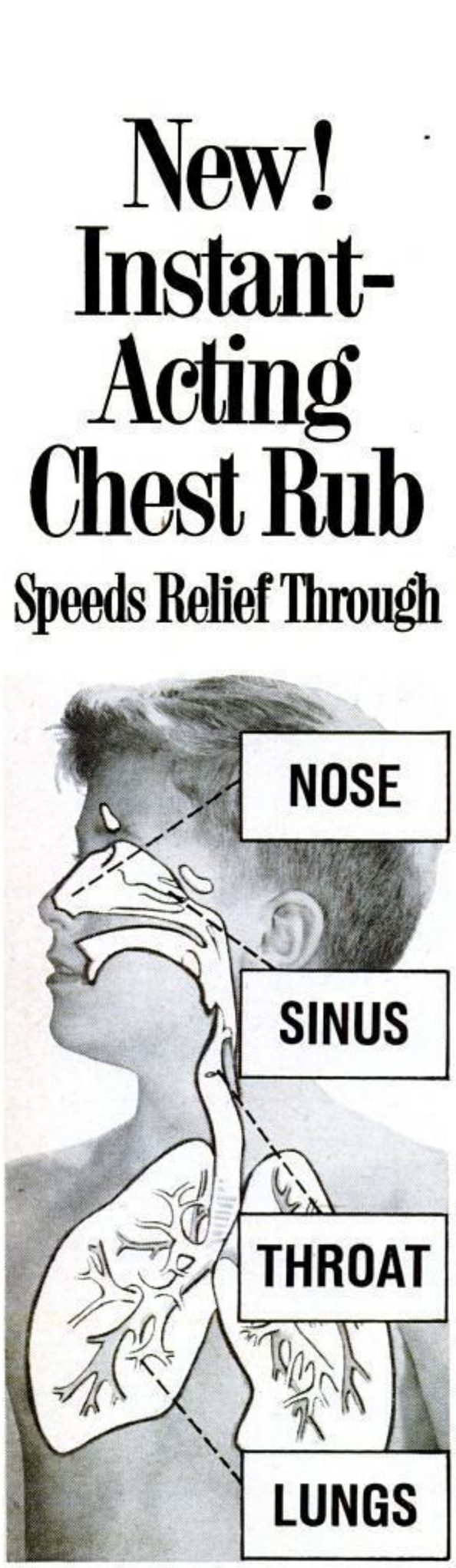
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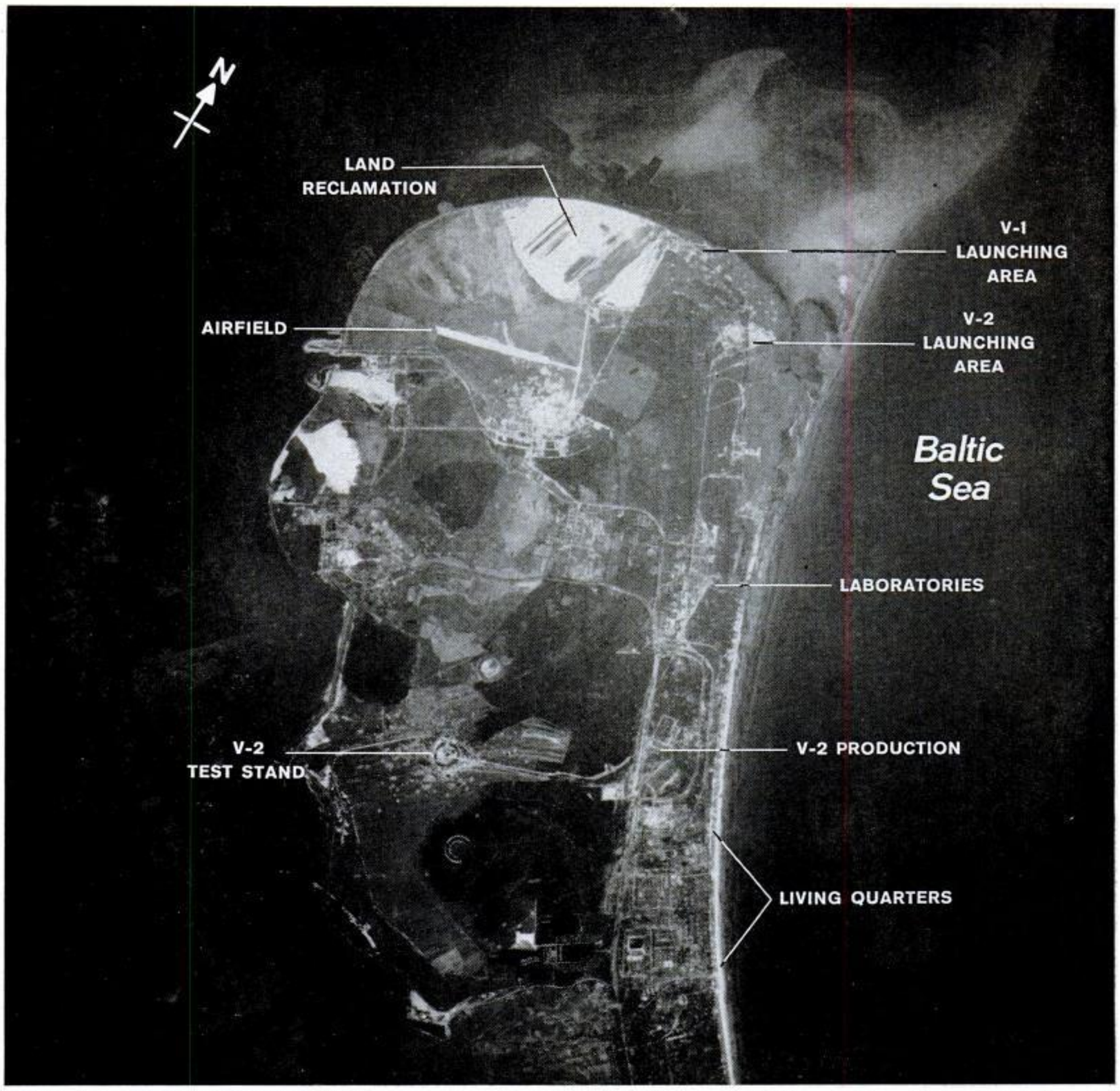
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OVER-ALL VIEW OF PEENEMÜNDE shows where the British photo interpreters made major discoveries. They learned to look for secret developments in northern part of base, where weapons had to be taken into open for tests. Airfield in upper left was where tailless Me-163 rocket planes were found. At the triangular launching area in upper right V-2 rockets were seen. V-1s were photographed at launching area near reclamation project (*top center*).

V-BOMB PHOTO SEARCH CONTINUED

outstanding photographs, so I dug out the excellent set on which I had earlier found the Peenemünde 30s.

Sure enough, I did find a midget aircraft—our first glimpse of the V-1 which was later to fall on London. The absurd little object had a wing span of about 20 feet, and for that reason I named it "Peenemünde 20." But it was so fuzzy in the photograph that there was precious little I could say about it.

Nevertheless Kendall seemed certain that the Peenemünde 20 was very important, and I was urged to continue my search.

It so happened that during this period, on the morning of Nov. 28, 1943, a Mosquito reconnaissance plane crossed the North Sea to try for a damage assessment cover of Berlin. The pilot was Squadron Leader John Merifield, who was quietly emerging as the most talented of the Mosquito photo reconnaissance pilots. It was a time of steady bad weather over central Europe, and a whole series of attempts to photograph Berlin had failed. On this flight Merifield once again encountered solid cloud, so he set course for his alternate targets. There were some shipping targets at Stettin and Swinemünde, a flock of airfields, a suspected radar installation at Zinnowitz on the island of Usedom, and various other odd jobs. After photographing them he still had some film. What targets were left? The airfield at Peenemünde was nearby. Merifield switched on his cameras, and they clicked away as he crossed the airfield. Then he returned home.

Three days later, on Dec. 1, while Kendall was in London explaining why he believed the ski sites were for launching flying bombs, I was still combing Peenemünde for midget aircraft. On this day I cast my eyes farther afield than usual, toward the no man's land which lay between the area I was officially watching and some woods. I checked the activity in this area from one set of photographs to another and, surprisingly, I saw an object resembling a midget airframe.

This first excursion beyond the official bounds of the airfield encouraged me to try my luck in other directions, and I decided to follow the dead straight road which led northward along the eastern boundary of the airfield toward the Baltic shore. Past the limits of the airfield lay the long-term project of land reclamation. I was not in the least interested in this: there was a separate Industry Section at Medmenham whose sole job was to watch and report on such developments. But right at the end of the road was something I did not understand.

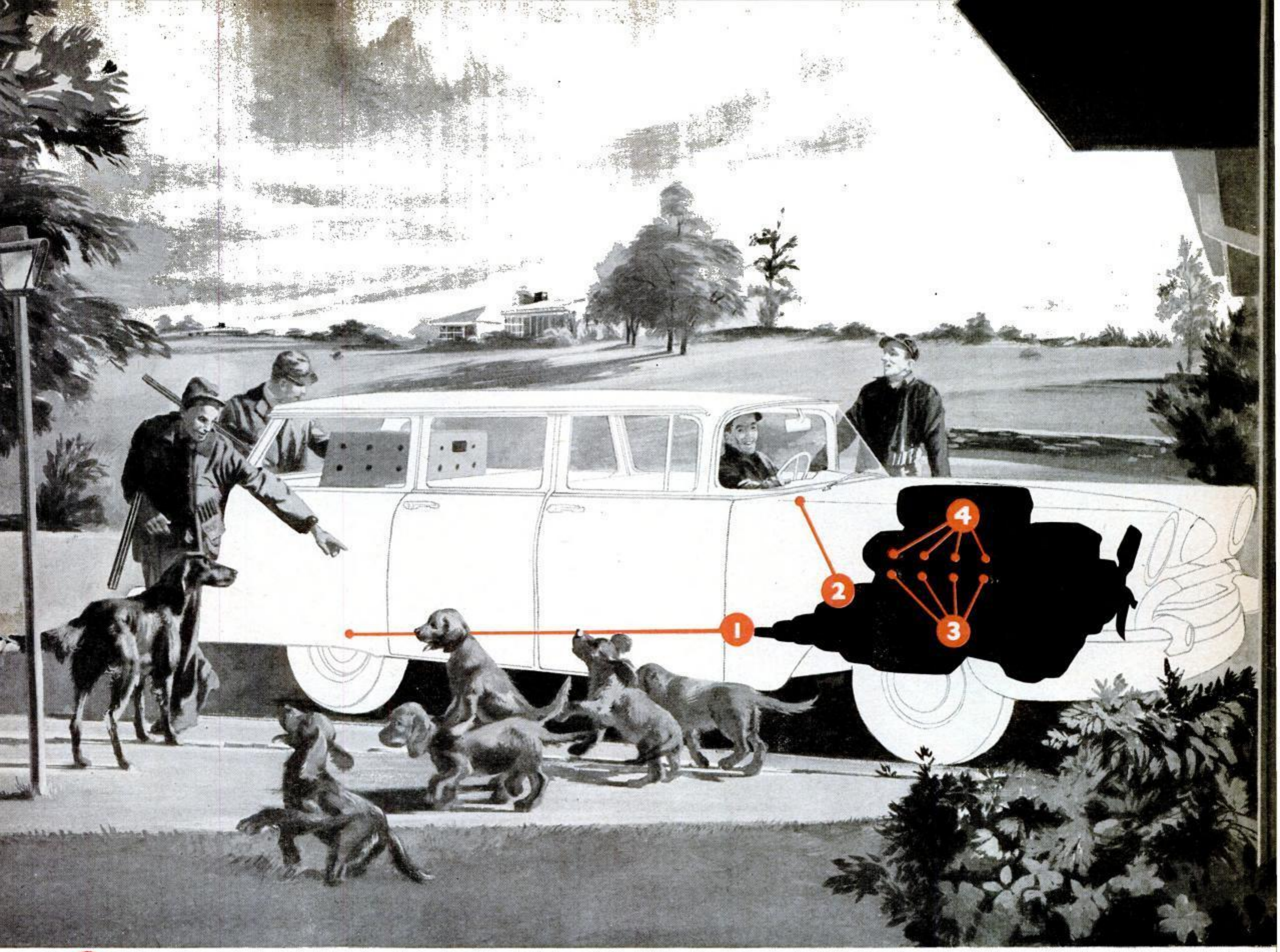
Discovery of the launching rails

AT the water's edge there were four strange structures—including a sort of ramp banked up with earth, supporting rails that inclined upward toward the water. Rumors of "launching rails" for secret weapons had reached me earlier, and I had been on the lookout for them.

"I'd better check with the Industry interpreters," was my first thought. "They probably know all about these things already." But at the Industry Section I was told that the structures had been looked at long

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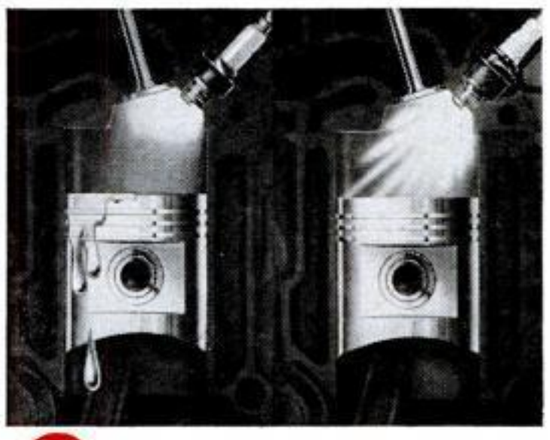
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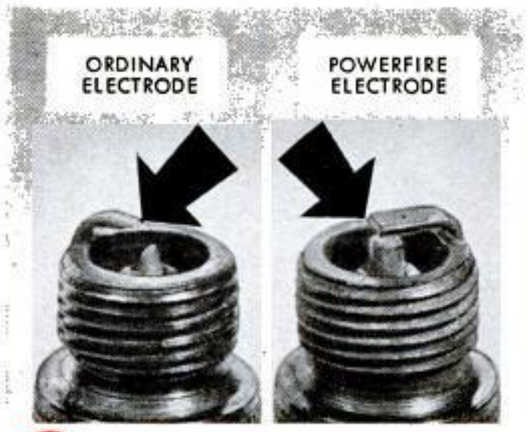
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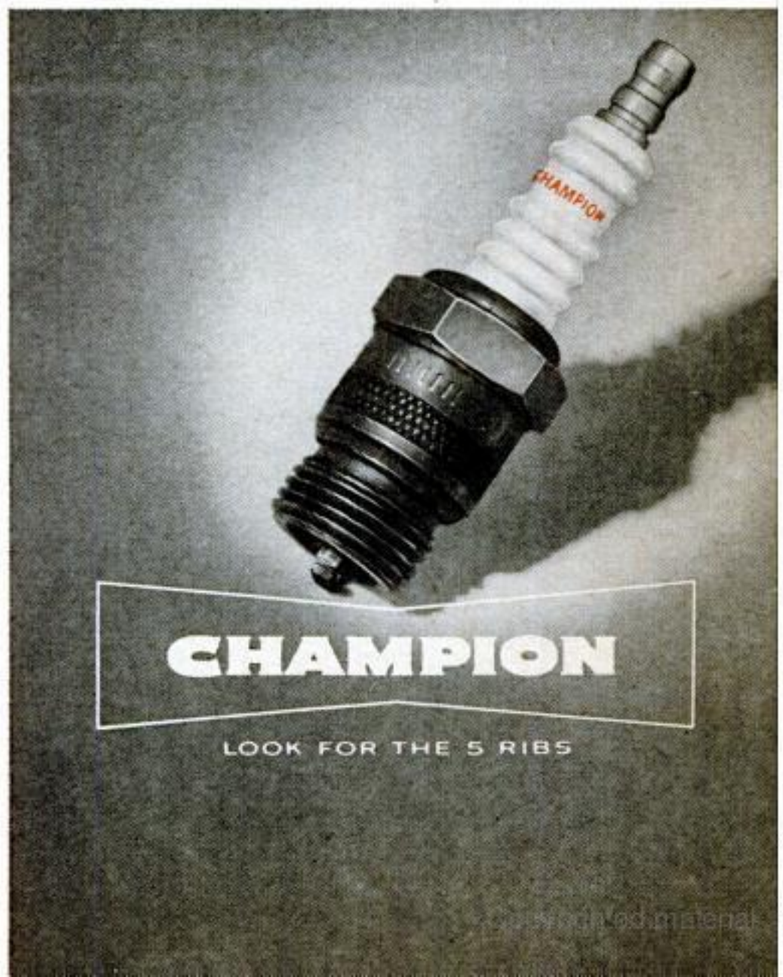
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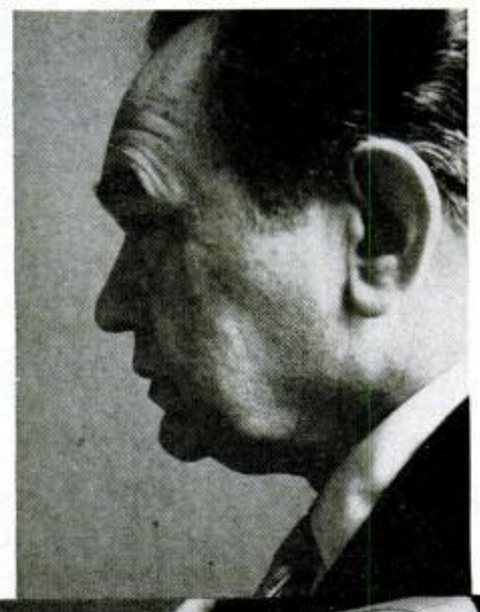
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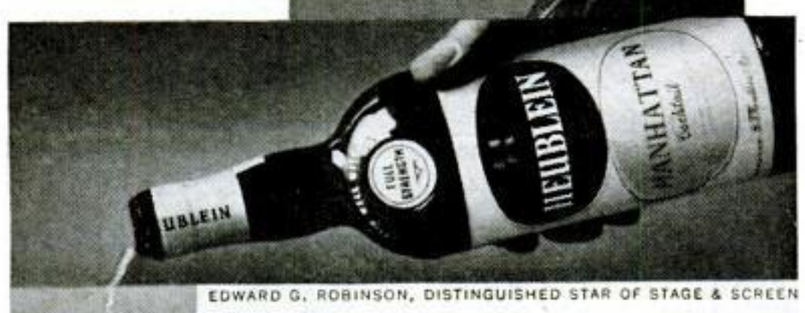
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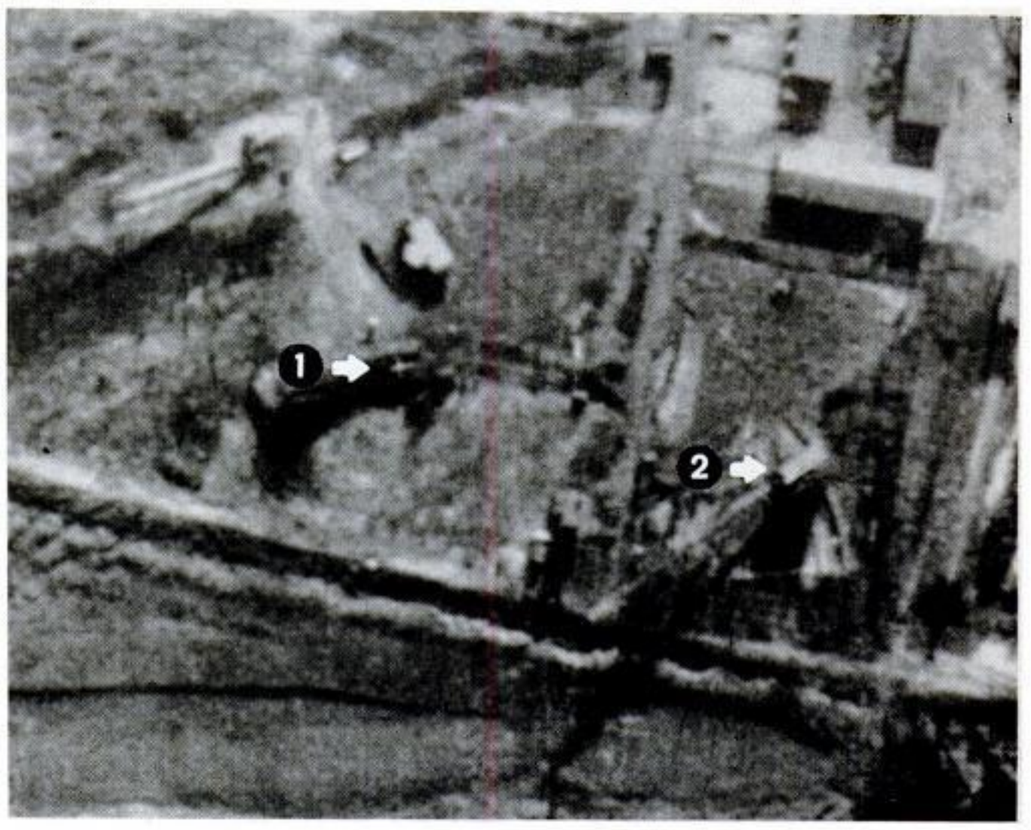
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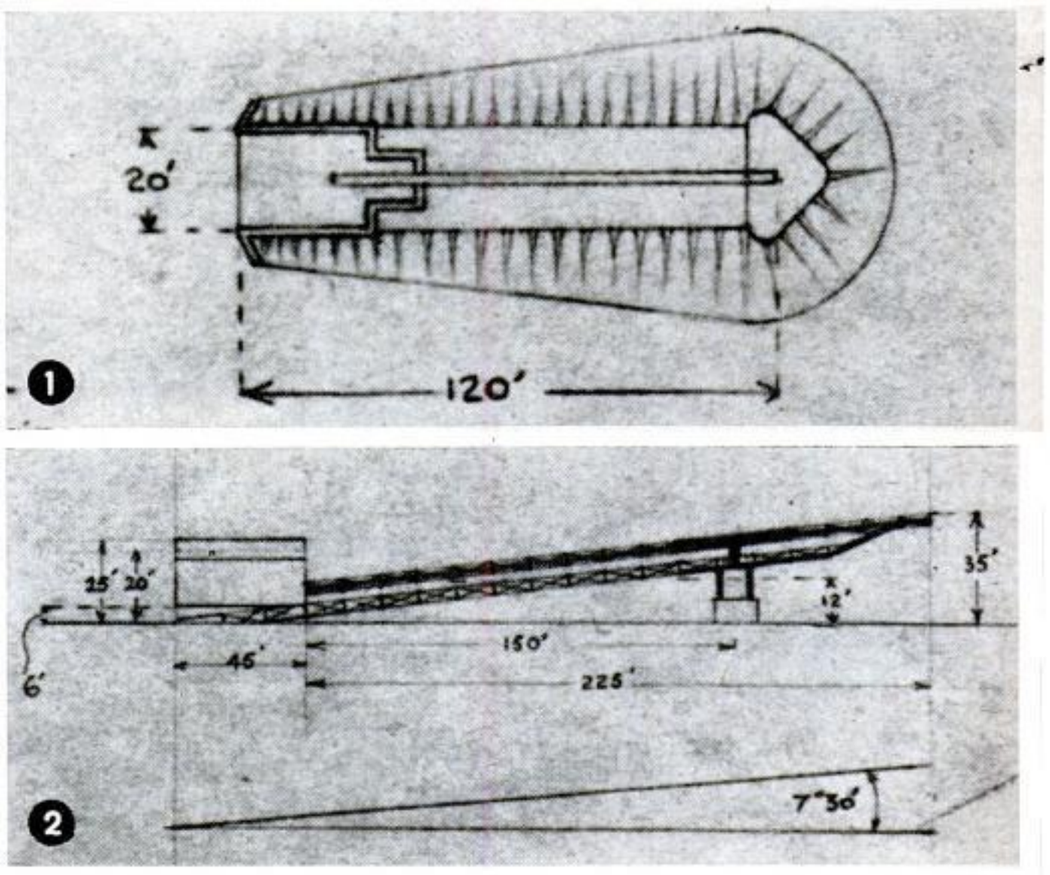
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V-1 READY FOR LAUNCHING (*above*) at Peenemünde shows in British reconnaissance photo as a tiny white cross on ramp (1). Despite fuzziness of picture, experts reconstructed from it detailed plans (*below*) of ramp banked with earth and another V-1 launcher (2) which was set on posts.



V-BOMB PHOTO SEARCH CONTINUED

ago and judged to have something to do with the dredging equipment.

Back at my desk I gazed at the photographs again. "I don't believe it," I thought. "I must show them to Kendall." So I phoned his office and left word that I would like to see him.

It was late when Kendall arrived at my office, just back from trying to justify his flying bomb theories. He looked white and tired.

"I want you to see something I've found at Peenemünde," I told him. "Don't you think it might be a catapult for pilotless aircraft?"

I showed him one of the prints, and he was so silent for a minute that I thought he must share the views of the Industry Section. Then suddenly he said, "That's it! I *know* it is." With new vigor he took up the photograph and headed briskly out of the room.

After he had left, I studied John Merifield's new Peenemünde cover (*see picture, above*). Only one showed the same area and its quality was poor, but even with the naked eye I could see that on the ramp was something that had not been there before: a tiny cruciform shape, set exactly on the lower end of the inclined rails. It was a midget aircraft actually in position for launching.

But the ramp near the airfield was not the only one on the Baltic coast that was turned up by Merifield's sortie. Just before visiting Peenemünde, he had photographed a suspected radar installation at Zinnowitz. Army interpreters had found a launching site there with firing points aimed out to sea—as were the foundations for ramps at the ski sites. (It was, in fact, a Luftwaffe center for training the personnel who were going to operate the launching sites in France.)

Before daylight next morning Kendall's report on both Peenemünde and Zinnowitz was on its way to London with the news that the nature

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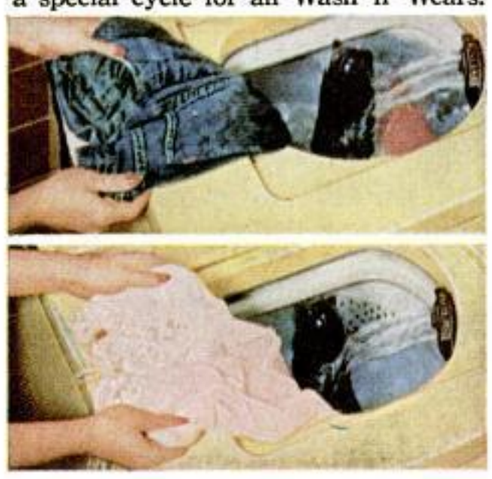


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V-BOMB PHOTO SEARCH CONTINUED

of the most imminent cross-channel threat was at last established beyond doubt. It was going to be a flying bomb—the V-1.

Crossbow! This code word now superseded *Bodyline*. At this point it seemed that the V-1 attacks, when they came, might be of an appalling magnitude. The ski buildings provided storage space for 20 flying bombs at each site, and as there were nearly 100 sites it might well be possible to fire something like 2,000 flying bombs every 24 hours

When was this deluge of flying bombs supposed to begin? That was the next question, and Kendall and the army interpreters had been busy working out the answer even before it was asked. So many sites had been photographed in France that the average time needed for the early stages of construction could be calculated very accurately, and the photographs of Peenemünde and Zinnowitz helped fill in the rest of the story. Kendall finally estimated that the minimum time for construction of a ski site was 120 days from start to finish. He calculated that the target date for the beginning of the attack might be about six weeks ahead.

The ski sites obviously had to be bombed, and at once Medmenham embarked on the huge job of providing material for targeting. At the end of December 1943 the Allied air forces let fly at the sites. The heavy bombers of the U.S. Eighth Air Force were brought in with devastating effect. Soon the whole system of ski sites was a shambles. The first round of the battle against the flying bomb was an overwhelming victory for the Allies.

At first the Germans tried frantically to repair all the damage, but as the attacks grew heavier, repair work was concentrated on the firing point and the square building. "So those must be the real essentials," thought Kendall.

At the end of April 1944—just little more than a month before D-day—Robert Rowell was examining a new cover of the Cherbourg peninsula when he suddenly gasped. Near a village called Belhamelin something peculiar had been constructed between two farm buildings. It could be—yes, it must be—a long concrete platform with pairs of studs embedded in it. The beginnings of a firing point! And some distance from it, in a field, was a heavily camouflaged square building. There were no ski structures. This was a V-1 launching site of a new, much simpler variety, and the camouflage was extremely subtle. Nevertheless within a few days 12 such sites had been identified.

The meaning of the simplified sites

THESE finds sounded off a new *Crossbow* alarm, and still another special flying program was laid on. By the beginning of June, 68 of the new modified sites had been found, most of them oriented to the London line. But one rather puzzling thing came to light. Once the concrete bases for the ramp and the square building were laid, nothing more happened. Could there be a delay somewhere? The answer was found not in France but at the V-1 training center at Zinnowitz. New photographs showed a launching site of the modified type being completed there. After the concrete foundations were laid, sections of rail six meters long were brought to the site, and there they were swiftly fitted together and erected. Prefabricated parts for the square building were also assembled on the spot. In no time at all the site could be made ready for use.

The day before D-day Kendall broke this news to a *Crossbow* meeting in London. Its grave implication was, of course, that the modified sites in France could be made ready within 48 hours. The first warning would be the arrival of rails for the ramp and parts for the square building. It was now agreed that if any such components were seen, a signal should immediately be sent to the Air Ministry with the code word *Diver*. Thus photo intelligence might, if all went well, give a crucial 48 hours of advance notice before the first bombs fell on London.

During the first few days after the Normandy landings, *Crossbow* priorities counted for nothing in the reconnaissance program. "We'll just have to make do as best we can with chance covers of the sites," said Kendall, "but all the interpreters must watch closely to spot any components."

By June 11 there were special *Crossbow* sorties again, and late that evening photographs of nine sites, which had not been covered since D-day, were brought to Kendall (*see picture, p. 144*). He took one look and sent off the *Diver* signal. The buzz bombs were ready to fly.

Early in the morning of June 13, six months behind schedule and in much smaller numbers than the Germans had once intended, the first V-1s landed in Britain.

During the hectic weeks and months that led up to the sending of the *Diver* signal, the attempt to solve the mystery of the other secret weapon, the V-2 rocket, had of necessity taken second place. But a few new clues had been found.

In March 1944 a report had reached London that the Germans were making rocket trials at Blizna, Poland. Blizna was 1,000 miles from

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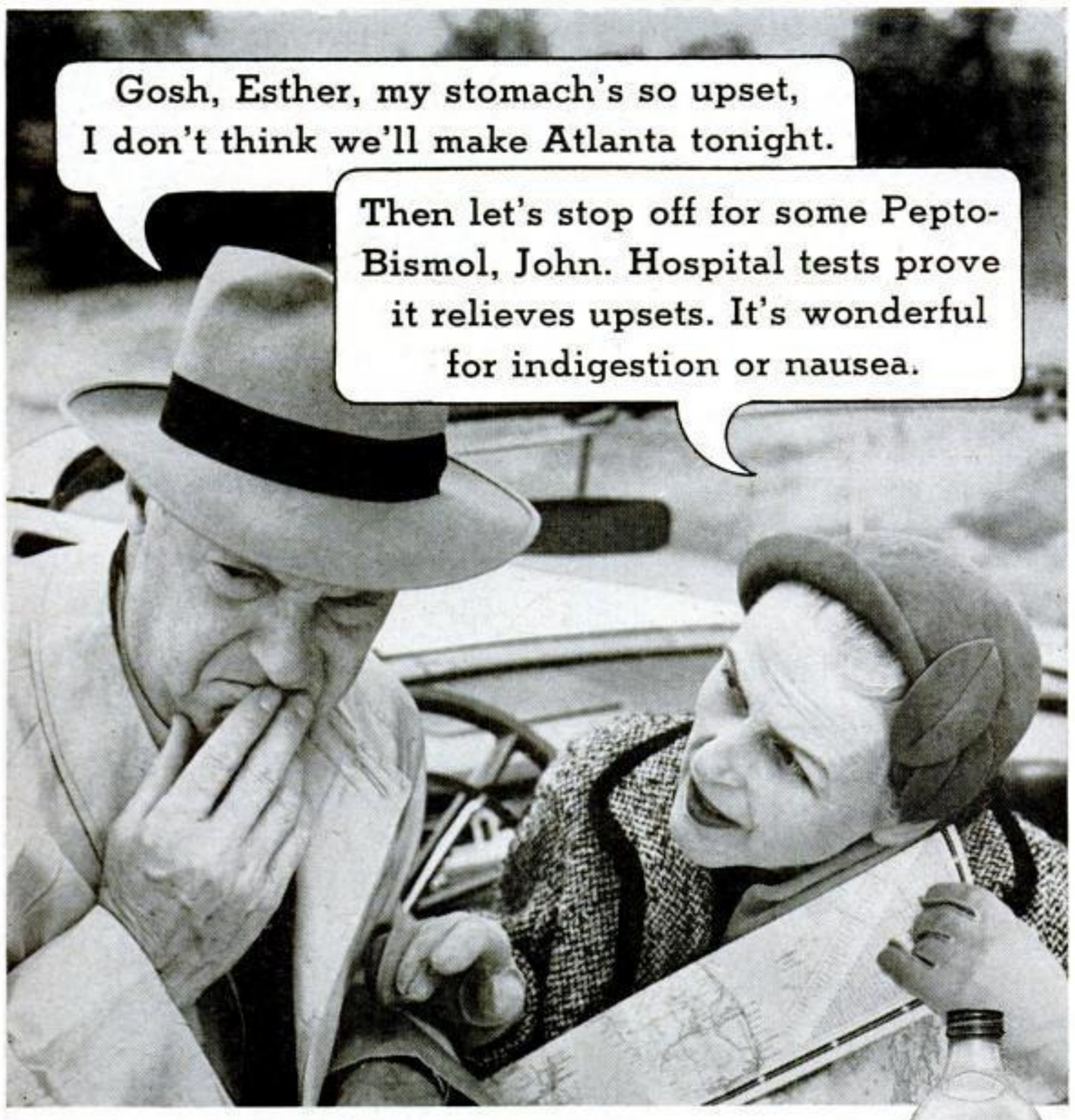
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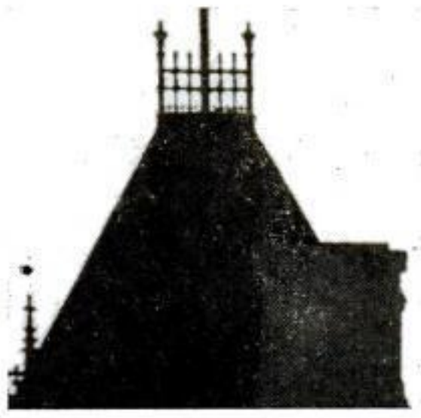
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COMING OF V-1 was signaled by photo of simplified launching site in France (*above*) in firing readiness, with control building (*right*) and launching ramp (*upper left*) both completed. Experts warned that bombs would soon be sent against Britain. Within 48 hours V-1s began to fall on London (*below*).



V-BOMB PHOTO SEARCH CONTINUED

the nearest reconnaissance field in Britain but only 600 from San Severo, the photographic reconnaissance base in Italy. So on April 15 a Mosquito from Italy set off for Poland, and far above the forests and marshes of the Vistula-San delta photographs were taken of the clearing where the rocket launching had been reported.

At Medmenham, Kendall and other interpreters pored over these photographs. The place smelled of *Crossbow*, but there were no rockets to be seen, and none of the big earthworks as at Peenemünde. But on May 5, when Blizna was covered a second time, a rocket happened to be in the open.

By comparing the photographs of Blizna with those of Peenemünde, it could be established that the huge trailers used for moving and raising the rockets were of a special design. This tied up with ground reports we had received of special vehicles known as *Meillerwagen*.

Such scraps of evidence were very valuable, but they could do little to clarify the strongly differing views of the various authorities in London as to how the rocket worked and how it was launched. There was still no agreement when, toward the end of July, amid the stuttering of approaching V-1s, the War Cabinet began to be seriously concerned about the possibility of imminent rocket attack. The whole investigation was once again charged with high urgency. It was a challenge to Medmenham.

Kendall decided that the only thing was to go back over all the previous covers of Peenemünde. The evidence of the old photographs might now appear in a fresh light. Kendall sought out Robert Rowell, and they agreed to tackle the huge job, which would necessitate reexamining 35 sorties. Evening after evening Kendall returned to the task, viewing twin photographs through the stereoscope. Stooped low over the photographs he would often remain motionless for minutes at a time. One of the best interpreters at Medmenham once said, "I don't look for things. I let the photographs speak to me." That was Kendall's approach. Gradually his attention focused on the fan-shaped stretch of foreshore that lay to seaward, and the old photographs began to tell him a startling new story. To confirm it, Kendall checked back from cover to cover, and then at last sat back.

"Yes, it's asphalt," he said to Rowell. "I've found when they started laying it. The Germans wouldn't lay all that asphalt without good reason." He returned to his stereoscope. Then after a minute or two he handed a pair of prints to Rowell.

"You remember that 'column 40 feet high' which was photographed last June? Have a look and see what you make of it."

Rowell looked and then gave an explosive laugh.

"A column 40 feet high, my foot! It's a rocket sitting on its fins!"

Kendall nodded. "That's why they needed the asphalt: the fan-shaped foreshore must be a practice site for operational launchings, with the rockets fired off the asphalt."

Kendall looked searchingly once more at the stretch of asphalt. It was innocent of anything resembling a railway line. "So that really is the end of the theory that the launching sites have to be

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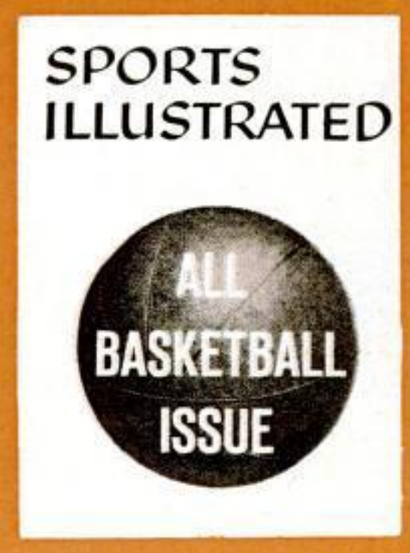


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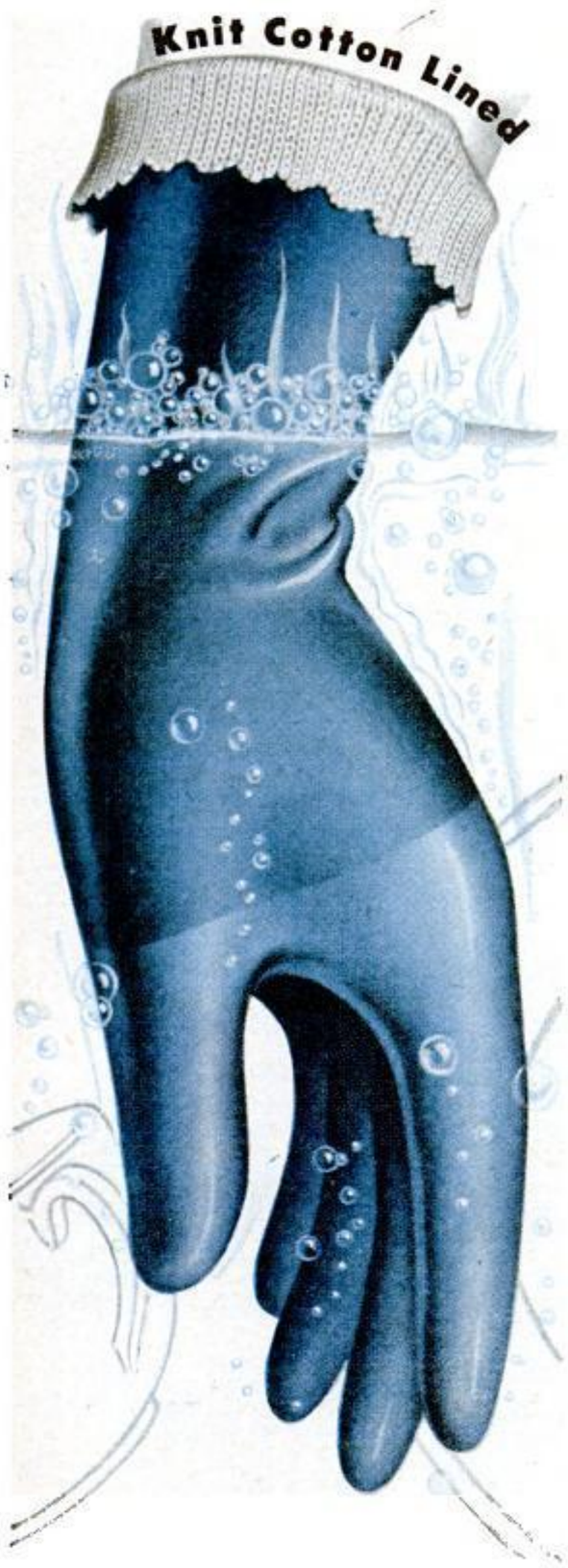
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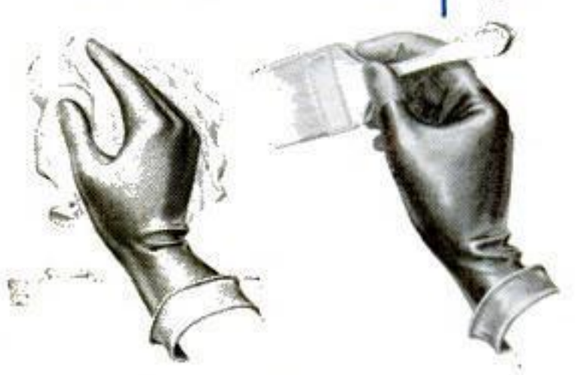
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V-BOMB PHOTO SEARCH CONTINUED

served by rail," he said. "The only signs of an operational launching site will be a bit of concrete or asphalt."

"They wouldn't even have to bother with that, would they?" said Rowell. "A bit of any main road would do just as well." He was absolutely right. As Major General Walter Dornberger, commander of the Peenemünde Rocket Research Institute, explains in his book, *V-2*, the rocket could be launched from a bit of planking on a forest track, or the overgrown track itself.

This meant the launching sites were all but invisible from the air. From Sept. 8, 1944, when the first V-2 was launched against England, throughout the months during which the "drizzle of rockets" continued, innumerable sorties were flown to pinpoints that had been reported as launching sites, and the interpreters searched thousands upon thousands of photographs. But in only two cases, where clearings in woods were found at the suspected spots, could any suspicious signs be reported. The only hope of spotting a V-2 launching site was if a photographic aircraft happened to pass overhead when a rocket was set upright, being fueled. Otherwise there was nothing to see.

Such impotence was something quite new for photographic intelligence. The ground reports, on the other hand, were very emphatic at this time. To the residents of The Hague the thunderous roar of rockets made it only too clear that the Haagse Bos, the city's big park, was the main launching area. Eventually it was on photographs of The Hague that operational rockets were first found by the interpreters. On Dec. 29 there were 13 of them, concealed under the trees in the park. Evidently this was a forward storage point as well as a launching area.

During the first weeks of the new year Allied attacks on the Haagse Bos succeeded in driving the Germans out of it, and London had a brief respite from V-2s. But then the rockets started coming over again. Where were they coming from?

On the afternoon of Feb. 26, 1945 one of the *Crossbow* interpreters began to glance through some new photographs of The Hague. Suddenly he called across the room to Rowell, "Quick! Come and look at this." There it was, a V-2 rocket sitting on its fins, with fueling vehicles clustered round. So this was the new launching area: Duindicht race course in the northeast suburbs of The Hague. Could it be a storage area, too? But the Germans had so simplified their V-2 procedure that they were managing to dispense with forward storage points altogether. During the following month only an occasional rocket on a *Meillerwagen* was to be seen

But other things scarcely less important were visible to reconnaissance planes. V-2 components had been sighted aboard railroad trains en route to the launching areas. Repeated photographic sorties traced these parts straight back to the factories where they were made, and as the spring of 1945 approached, all the necessary information was available to blast much of the German V-2 industry out of existence.

But such raids proved unnecessary: Allied armies were driving ever deeper into Europe, and the finish was now at hand.

As coastal areas were occupied by advancing troops, the V-2 attacks dwindled. The last one occurred on March 27, 1945. After that the German V-weapons corps was hastily turned into an infantry outfit.

Six weeks later the war in Europe was over and the threat of the German buzz bomb and rocket passed into history.



HONORING THE AUTHOR for contribution to war effort as photo interpreter, Major General Frederick L. Anderson, former Eighth Air Force bombardment commander, awards Miss Babington-Smith U.S. Legion of Merit.

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TODD'S LITTLE GARDEN PARTY

With the best intentions, Mike Todd last week threw what he called "a little private party" for 18,000 guests in New York's Madison Square Garden. His intentions were to celebrate the first anniversary of his fine movie, *Around the World in 80 Days*, to give his friends a gaudy good time with free champagne, food and entertainment, and to keep people talking about Mike Todd. In many ways he succeeded.

The goings-on, which were telecast for 90 minutes over CBS, included a colossal hodgepodge of bagpipers, folk dancers, Philadelphia Mummers, Russian wolfhounds, oxen, Siamese cats, elephants, clowns, fire engines and a symphony orchestra. Mike had invited scores of guests from all over the world and had paid, through his film company, for their transportation. Some 14,000 free gifts, including an airplane, motorboat and eight automobiles, were on display, to be distributed later according to a system of winning numbers. The celebrity-packed audience milled about, grabbing for free doughnuts and grumbling because some chiseling attendants passing out champagne were selling it unofficially—to Mike's dismay—for $5 a bottle. Everybody agreed they had never seen anything like Mike Todd's party and some felt they never wanted to again.

CONTINUED 149

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YAWNING GUEST, Steve Allen, came late with wife Jayne Meadows, left soon after cake cutting.



FEATHERED MARCHERS, the 45-piece Aqua String Band from Philadelphia's Mummers club, circled arena once, then paraded out of Garden. Altogether, there were 24 bands and two orchestras.



BEAUTIFUL HOSTESS, Todd's wife Elizabeth Taylor, cuts 11-foot cake which weighed almost ton.



DOUGHNUT TOSSER threw her wares to crowd from back of truck as it circled arena after TV show.

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HARRIED HOST (*left*) used whistle to cue orchestra. Eying TV monitor is Emcee George Jessel.



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Why pay for a speed you don't use? Enjoy this new 2-speed portable wherever there's an AC outlet. See, hear this newest sensation in sound at your RCA Victor dealer's today!

***Other 2-speed models priced from $32.95**

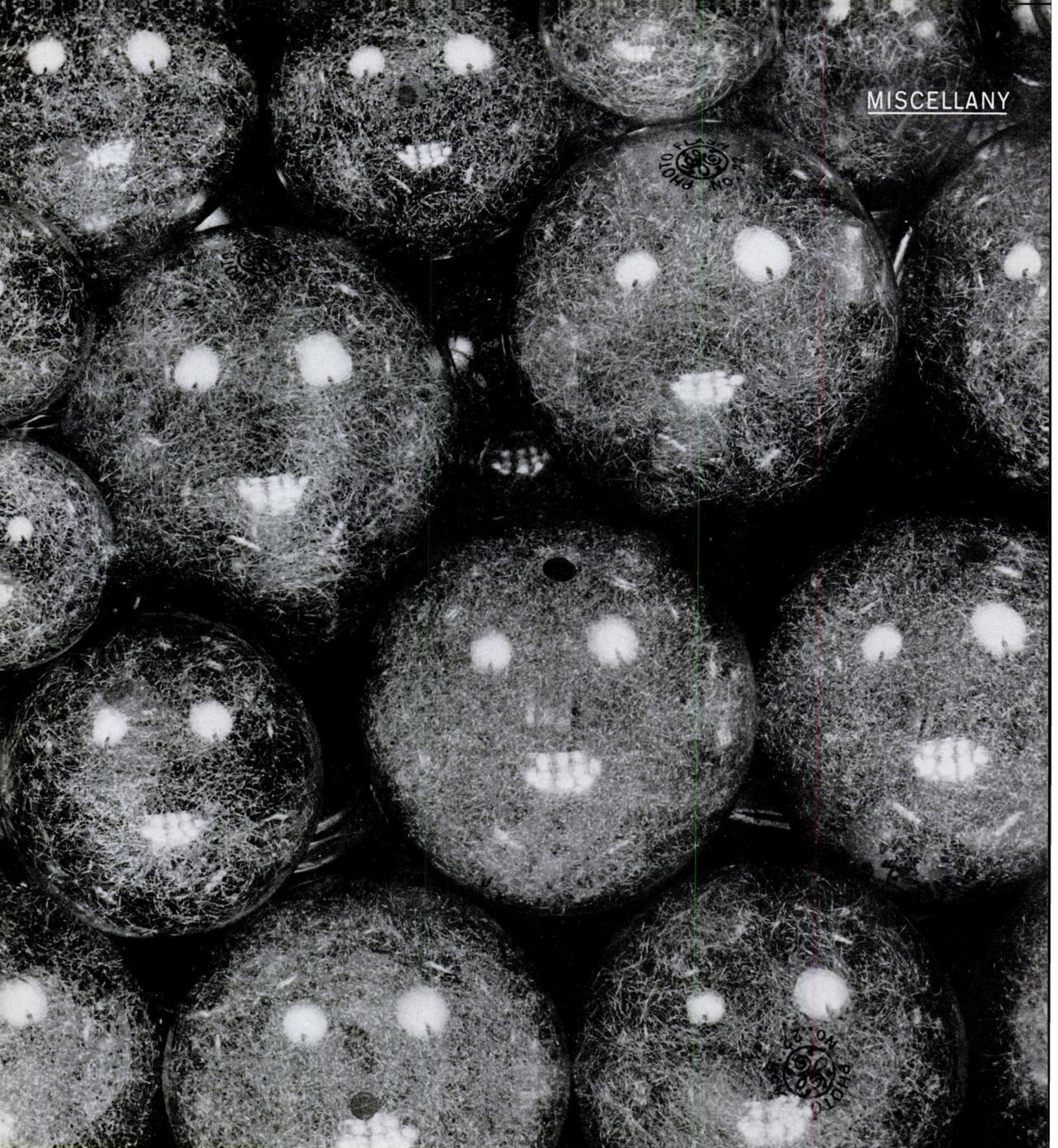
RCA VICTOR
Trade® RADIO CORPORATION OF AMERICA

Manufacturer's nationally advertised list prices shown, subject to change. Slightly higher far West and South. Most models also available in Canada. ®RCA trademark for record players.



SPECIAL—GET 40 PERRY COMO HITS FOR $5! All you do to get in on this great offer is buy any automatic "Victrola." Then, for just $5, you'll get ten "45" EP Como records (original cost $14.90). Album includes all-time hits like, "Hot Diggity," "Temptation" and "Prisoner of Love."

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GLASSY-EYED SPOOKS

At Halloween ghostly faces pop up from out of nowhere—just as these Halloween faces did. Photographer Ulf Askenes, who has a studio in Vancouver, was closing up one night. At one end of the room a box of flash bulbs was standing against the wall. Around the flash bulbs were half a dozen floodlights on stands that had been shoved out of the way. As Askenes threw the main switch to douse the room lights, some wires got crossed and all of the floodlights unexpectedly came on. The reflections from the floodlights hit the flash bulbs and lighted each one of them up like a pumpkin with a pair of eyes and a toothy grin. So Askenes set up his camera again and went to work to make this lighting trick a photographic treat.

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Only Ballantine Ale brews

"Brewer's Gold"

into Genuine Golden Ale Flavor!





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"Brewer's Gold" is a rare, choice hop—one big reason for Ballantine Ale's deep, rich genuine flavor. Ballantine alone uses its famous true ale recipe to capture the precious, delicate flavor of "Brewer's Gold." No wonder Ballantine light Ale is today's favorite ale by 4 to 1.

Enjoy the genuine—it's the trend, friend!

Ballantine LIGHT Ale

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A new idea in smoking!

Salem refreshes your taste



Created by R. J. Reynolds Tobacco Company

Just as the crystal air of a Spring day beside a mountain pool refreshes you, so a **menthol-fresh** Salem refreshes your taste. It's a new idea . . . **rich tobacco taste** with a new, refreshing softness. Yes, the freshest taste in cigarettes flows through Salem's pure-white, **modern filter.** Smoke refreshed . . . smoke Salem.

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